DOCUMENT RESUME

ED 161 668 SE 024 930

TITLE	Computer Science: A Dissertation Bibliography.
PUB DATE	[78]
NOTE	96p.; For related documents, see SE 024 926-931; Not available in hard copy due to marginal legibility of original document
AVAILABLE FROM	University Microfilms International, 300 N. Zeeb Road, Ann Arbor, Michigan 48106 (free)
EDRS PRICE	MF-$0.83 Plus Postage. HC Not Available from EDRS.
DESCRIPTORS	*Bibliographies; Catalogs; *Computer Science; *Doctoral Theses; *Information Sources; Microfilm; Publications; *Reference Materials

ABSTRACT

Over 6,300 doctoral dissertation titles relevant to the study of computer and information sciences are cited in this publication. Titles cover the full range of computer and information sciences activities including: (1) automatic theory; (2) modeling; (3) operations research; (4) programming; (5) hardware design; (6) logic elements; and (7) data processing. Entries are listed alphabetically by author, and include author, full title, degree earned, school name, date of degree, number of text pages, citation to Dissertation Abstracts International (volume/issue/page number), and the order number for purchasing the full-text reproduction. In addition to the dissertations cited, there is a title collection of masters theses abstracted in Masters Abstracts, Volumes I-XII, 1962-1974. These titles are arranged under several subject headings and appear at the end of this catalog. (Author/MA)

****
* Reproductions supplied by EDRS are the best that can be made *
* from the original document. *
****

ED161668

TITLE COMPUTER SCIENCE

ENTRY A DISSERTATION BIBLIOGRAPHY

```
CDI030

ENTRY IDENTIFICATION  DAI  3701B 7616195 00000

        MAIN ENTRY PERSONAL NAME                100 01  SHAPIRO, HENRY DAVID

        UNIFORM TITLE                           240 01  THEORETICAL LIMITATIO

        LOCAL SUBJECT  DAI SUBJECT CODES        690 01  0984
                                                     0984  COMPUTER SCIENCE

        DAI MISCELLANEOUS INFORMATION           910 01        0616760090PH.D.
                                                     0090  UNIVERSITY OF ILL

        KEYWORDS                                920 01   THEORETICAL LIMITATI

        CATALOG APPEARANCES                     990 01

ENTRY IDENTIFICATION  DAI  3701B 7615298 00000

        MAIN ENTRY PERSONAL NAME                100 01  MCDONALD, NANCY HARRI

        UNIFORM TITLE                           240 01  CUPID A GRAPHICS OR

                                                240 02  INTERACTIONS WITH A D

        LOCAL SUBJECT  DAI SUBJECT CODES        690 01  0984
                                                     0984  COMPUTER SCIENCE

                                                910 01        0616760028PH.D.
                                                     0028  UNIVERSITY OF CAL

                                                920 01   CUPID A GRAPHICS ORI

                                                920 02   BASE NON-PROGRAMMER

        CATALOG APPEARANCES                     990 01

ENTRY IDENTIFICATION  DAI  3701B 7615297 00000

        MAIN ENTRY PERSONAL NAME                100 01  MCCUE, HOWARD KIRBY,

        UNIFORM TITLE                           240 01  STABILIZATION OF DIST

                                                240 02  OPTIMIZED FIELD CONTR

        LOCAL SUBJECT  DAI SUBJECT CODES        690 01  0544
                                                     0544  ENGINEERING, ELEC

        DAI MISCELLANEOUS INFORMATION           910 01        0616760028PH.D.
                                                     0028  UNIVERSITY OF CAL
```

U.S. DEPARTMENT OF HEALTH,
EDUCATION & WELFARE
NATIONAL INSTITUTE OF
EDUCATION

THIS DOCUMENT HAS BEEN REPRODUCED EXACTLY AS RECEIVED FROM THE PERSON OR ORGANIZATION ORIGINATING IT. POINTS OF VIEW OR OPINIONS STATED DO NOT NECESSARILY REPRESENT OFFICIAL NATIONAL INSTITUTE OF EDUCATION POSITION OR POLICY

EL

"PERMISSION TO REPRODUCE THIS MATERIAL HAS BEEN GRANTED BY

Patricia M. Colling

TO THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) AND USERS OF THE ERIC SYSTEM."

SE 024 930

University Microfilms International

Introduction

Over 6,300 doctoral dissertation titles relevant to the study of computer and information sciences are cited in *Computer Science: A Dissertation Catalog.* This catalog represents a comprehensive listing of dissertations accepted by North American Universities and available as full text reproductions from University Microfilms International.

Titles were selected by a keyword search of the Comprehensive Dissertation Data Base. The citations retrieved through this search cover the full range of computer and information sciences activities including: automatic theory, modelling, operations research, programming, hardware design, logic elements and data processing.

Each dissertation cited appeared in abstract form in *Dissertation Abstracts International.*

In addition to the dissertations cited, we have included a title collection of masters theses abstracted in *Masters Abstracts,* Volumes I-XII, 1962-1974. These titles are arranged under several subject headings and appear at the end of this catalog. With the addition of Masters Theses, this catalog provides a unique reference tool for current research.

All titles cited in this catalog are available from University Microfilms International as xerographically-produced bound paper reprints or on 35mm roll microfilm. All items with a 76 prefix (BLE 76-12054) are also available on microfiche.

To facilitate access to desired papers, titles in this catalog are listed alphabetically by author. Each dissertation entry includes author, full title, degree earned, school name, date of degree, number of text pages, citation to *Dissertation Abstracts International* (volume/issue/page number), and the order number for purchasing the full-text reproduction.

Ordering Information

Effective October 1, 1975

When ordering dissertation or masters thesis copies supply the order number (including all letters and numbers, e.g., DBG75-0102), author's last name, complete dissertation or thesis title, format and type of binding wanted, billing name and address (on institutional orders only), and shipping name and address. Individuals *must* send a check or money order with their order. Institutions will be billed when their order is shipped; they should use their standard purchase order form, being sure to include the purchase order number and tax exemption number if applicable.

PAPER COPIES

Paper copies of dissertations and masters theses available from University Microfilms International are reproduced xerographically at about 2/3 the original size. They will be perfect-bound and covered in paper. Clothbound copies are available at an additional charge (see Prices below), with author and title stamped in gold on the spine. Unless you specify "cloth binding" (and on prepaid orders include the additional cost) on your order, you will be shipped the standard paper cover.

Pages are printed in numerical sequence by xerography; but, since printing is on one side of a continuous web, the finished copy has printing on the right-hand pages only. Charts, graphs, line drawings, and similar illustrations reproduce quite well. For pages where half-tones and continuous tone enlargements of higher quality are required, photographic prints can be made on request for an additional charge.

Prices for Paper Copies

Paper copies purchased are priced as follows:

DEMAND COPIES		U.S.	Canada/Mexico	Elsewhere
1 - 99 Titles:	Academic*	$15.00 ea.	$16.50 ea	$23.00 ea.
	Other	$20.00 ea.	$22.00 ea.	$23.00 ea.

Clothbound copies are an additional $3.00 per volume. Photographic prints are $1.00 each.

MICROFILM COPIES

Dissertations or masters theses can be ordered on 35mm positive (black on white) microfilm made at a reduction of 15-20x. If you prefer this format, be sure to specifically note "microfilm" on your order.

Prices for Microfilm Copies

Microfilm copies are priced at follows:

DEMAND COPIES		U.S.	Canada/Mexico	Elsewhere
1 - 99 Titles:	Academic*	$ 7.50 ea.	$ 8.25 ea.	$11.50 ea.
	Other	$10.00 ea.	$11.00 ea.	$11.50 ea.

PAYMENT

Individuals *must* send a check or money order with their order. Prepaid orders need not include shipping and handling charges unless priority shipment is required. For priority shipment add $1.00 plus $1.00 per title for microform and $1.00 plus $2.00 per title for xerography. Institutions will be billed when their order is shipped; they should use their standard purchase order form, being sure to include the purchase order number and tax exemption number if applicable.

DELIVERY

Orders are shipped within 2 to 4 weeks after they are received.

WHERE TO PLACE YOUR ORDER

Customers in the United States, Canada, Central and South America, and the Caribbean should address orders and inquiries concerning the dissertation and/or masters thesis program to:

University Microfilms International
P. O. Box 1764
Ann Arbor, Michigan 48106

All other customers should direct their orders and inquiries to:

University Microfilms International
18, Bedford Row
London WC1R 4EJ, England

**Academic prices apply to all universities, colleges, and high schools. This includes their libraries, departments, faculty, staff, and students.*

All prices quoted are subject to change.

A

AARONSON, GERALD
LARGE SIGNAL TRANSISTOR MODELING VIA COMPUTER MONITORING TECHNIQUES. (PH.D. 1973 STEVENS INSTITUTE OF TECHNOLOGY) 128p. 34/10-B, p. 4961 BLE74-00856

AASNAES, HANS BENT
ESTIMATION AND IDENTIFICATION IN DISCRETE-TIME SYSTEMS USING THE INNOVATIONS APPROACH. (PH.D. 1971 STANFORD UNIVERSITY) 128p. 32/08-B, p. 4584 BLE72-05874

ABBEY, SCOTT
GRIPHOS AS A RELATIONAL DATA BASE SYSTEM. (PH.D. 1975 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 139p. 33/06-B, p. 2917 BLE75-24628

ABBOUD, VICTORINE CONSTANTIN
A COMPUTER-ASSISTED INSTRUCTION PROGRAM IN THE ARABIC WRITING SYSTEM. (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 114p. 31/08-A, p. 4028 BLE71-00088

ABDALI, SYED KAMAL
A COMBINATORY LOGIC MODEL OF PROGRAMMING LANGUAGES. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 162p. 35/05-B, p. 2136 BLE74-19318

ABD-ALLA, ABD-ELFATTAH M.
ANALYSIS OF THE STORAGE ORGANIZATION FOR A MULTIPROGRAMMED COMPUTER SYSTEM. (PH.D. 1970 UNIVERSITY OF MARYLAND) 99p. 31/06-B, p. 3324 BLE70-21315

ABDEL-SALAM, ABDELSALAM FATHY ALY
OPTIMIZATION OF SAMPLED-DATA CONTROL SYSTEMS. (PH.D. 1966 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 94p. 27/03-B, p. 815 BLE66-07702

ABE, TAIZO
SEISMIC RESPONSE OF A LINEAR BEDROCK-SOIL-STRUCTURE INTERACTION SYSTEM. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 231p. 33/10-B, p. 4792 BLE73-09860

ABEL, ROGER HENRY
ELECTRODE KINETIC STUDIES USING A COMPUTERIZED DATA ACQUISITION AND ANALYSIS SYSTEM. (PH.D. 1971 CALIFORNIA INSTITUTE OF TECHNOLOGY) 122p. 32/03-B, p. 1475 BLE71-21894

ABIAN, SMBAT
INVARIANTS AND COVARIANTS OF SYSTEMS OF LINEAR DIFFERENTIAL AND INTEGRO-DIFFERENTIAL EQUATIONS. (PH.D. 1956 UNIVERSITY OF CINCINNATI) 103p. 17/08, p. 1773 BLE00-17528

ABITIA, FREDDIE
THE DEVELOPMENT AND FIELD TESTING OF A SELF-INSTRUCTIONAL SYSTEM IN INDUSTRIAL DESIGN METHODOLOGY. (ED.D. 1971 WASHINGTON STATE UNIVERSITY) 246p. 32/08-A, p. 4393 BLE72-07628

ABLER, JOSEPH HERMAN
DESIGN AND ANALYSIS OF A CLINICAL SYSTEM TO MEASURE AND REPRODUCE MANDIBULAR MOTION. (PH.D. 1972 MARQUETTE UNIVERSITY) 126p. 33/10-B, p. 4799 BLE73-06260

ABOU-SEADA, MOHAMED SAID
DIGITAL COMPUTER CALCULATION OF CORONA THRESHOLDS IN NONUNIFORM FIELDS. (PH.D. 1970 IOWA STATE UNIVERSITY) 174p. 31/04-B, p. 1952 BLE70-18876

ABRAHAM, JACOB A.
RELIABILITY ANALYSIS OF DIGITAL SYSTEMS PROTECTED BY MASSIVE REDUNDANCY. (PH.D. 1974 STANFORD UNIVERSITY) 117p. 35/09-B, p. 4415 BLE75-06799

ABRAMOWITZ, IRA ALAN
DESIGN OF HOLOGRAPHIC SYSTEMS BY RAY TRACING. (PH.D. 1968 CORNELL UNIVERSITY) 134p. 28/10-B, p. 4124 BLE68-04656

ABRAMS, MACY L.; SAXON, JAMES A.
VIDAC: A COMPUTER PROGRAM FOR VALUE IDENTIFICATION AND CLASSIFICATION. (PH.D. 1969 UNITED STATES INTERNATIONAL UNIVERSITY) 370p. 31/05-A, p. 2491 BLE70-01236

ABRAMS, PHILIP SAMUEL
AN APL MACHINE. (PH.D. 1970 STANFORD UNIVERSITY) 212p. 31/05-B, p. 2619 BLE70-22146

ABRANOVIC, WYNN ANTHONY
A COMPUTER SIMULATION APPROACH FOR PLANNING IN HOSPITAL ANCILLARY SERVICES. (PH.D. 1969 RENSSELAER POLYTECHNIC INSTITUTE) 260p. 30/12-B, p. 5565 BLE70-11310

ABUELNASR, BADR MOHAMED
IDENTIFICATION OF FLUCTUATED PARAMETERS OF A CLASS OF NONLINEAR SYSTEMS. (PH.D. 1971 PURDUE UNIVERSITY) 175p. 32/02-B, p. 926 BLE71-20416

ABURDENE, MAURICE FELIX
COMPUTER SIMULATION OF SOCIAL SYSTEMS. (PH.D. 1974 THE UNIVERSITY OF CONNECTICUT) 514p. 35/05-B, p. 2150 BLE74-21734

ACKER, ANDREW FRENCH
STABILITY RESULTS FOR LINEAR SYSTEMS INVOLVING A TIME VARYING UNBOUNDED OPERATOR. (PH.D. 1972 BOSTON UNIVERSITY GRADUATE SCHOOL) 193p. 33/04-B, p. 1855 BLE72-25234

ACKER, WILLIAM FRED
IDENTIFICATION AND CONTROL OF NONLINEAR DIFFERENTIAL SYSTEMS WITH STICTION AND COULOMB FRICTION. (PH.D. 1967 THE UNIVERSITY OF FLORIDA) 104p. 29/01-B, p. 173 BLE68-09463

ACKERMAN, DONALD GODFREY, JR.
CHROMATOGRAPHIC ADSORPTION STUDIES USING A COMPUTER-CONTROLLED DATA-ACQUISITION SYSTEM. (PH.D. 1973 THE UNIVERSITY OF ARIZONA) 231p. 34/11-B, p. 5356 BLE74-11470

ACKERMAN, LAURENS VEDDER
COMPUTER CLASSIFICATION OF RADIOGRAPHS AND XEROGRAMS OF THE BREAST. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER) 120p. 32/05-B, p. 2668 BLE71-30162

ACKERMANN, ARTHUR FRANK, JR.
TOWARD A PROGRAMMING LANGUAGE FOR WRITING AND CHECKING MATHEMATICAL DISCOURSES. (PH.D. 1972 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 360p. 33/04-B, p. 1495 BLE72-24759

ACTON, ROBERT WOOD
COMPUTER ASSISTANCE FOR FARM INVESTMENT DECISIONS. (PH.D. 1970 PURDUE UNIVERSITY) 264p. 31/04-A, p. 1464 BLE70-18580

ADAMS, CARL ROBERT
DYNAMIC PROGRAMMING AND MARKOVIAN DECISION PROCESSES: APPLICATION TO PRICE THEORY AND INVENTORY CONTROL. (PH.D. 1966 PURDUE UNIVERSITY) 131p. 27/11-A, p. 3547 BLE67-05418

ADAMS, NEIL DAVID
AN APPROXIMATION TO THE OPTIMAL CONTROL LAW FOR STATIONARY SYSTEMS VIA LIAPUNOV'S DIRECT METHOD. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 270p. 32/08-B, p. 4616 BLE72-06034

ADAMS, PAUL LOUIS
SURFACE ACOUSTIC WAVEGUIDES AND THEIR APPLICATION TO OPTICAL IMAGING SYSTEMS. (PH.D. 1975 STANFORD UNIVERSITY) 177p. 36/09-B, p. 4618 BLE76-05684

ADAMS, WILLIAM SANDERS
THE OPTIMIZATION OF ANALOG COMPUTER PROGRAMMING BY DIGITAL COMPUTER TECHNIQUES. (PH.D. 1963 THE PENNSYLVANIA STATE UNIVERSITY) 143p. 24/12, p. 5290 BLE64-05334

ADKINS, RICHARD LOWELL
MODAL ANALYSIS OF LINEAR NONCONSERVATIVE SYSTEMS. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 165p. 35/11-B, p. 5463 BLE75-11301

ADVANI, JERAM GODHUMAL
COMPUTER RECOGNITION OF THREE-DIMENSIONAL OBJECTS FROM OPTICAL IMAGES. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 154p. 32/07-B, p. 3937 BLE72-04407

ADVANI, SRICHAND B.
OPTIMAL-SUBOPTIMAL CONTROL OF DISTRIBUTED-SYSTEMS—AN APPLICATION TO VIBRATION ISOLATION. (PH.D. 1973 ILLINOIS INSTITUTE OF TECHNOLOGY) 121p. 35/02-B, p. 844 BLE74-16989

AFARANI, MOSTAFA KERMANI
PATTERN RECOGNITION USING PROBABILITY-DISTRIBUTIONS. (PH.D. 1973 UNIVERSITY OF KANSAS) 310p. 34/07-B, p. 3237 BLE73-30789

AGARWAL, GYAN CHAND
DESIGN OF SPECIFIC OPTIMAL CONTROL SYSTEMS. (PH.D. 1965 PURDUE UNIVERSITY) 163p. 26/11, p. 6600 BLE66-02231

AGASHE, SADANARD DINKAR
SOME GENERALIZATIONS IN SYSTEM THEORY AND THEIR APPLICATIONS TO CONTROL SYSTEMS. (PH.D. 1967 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 132p. 28/08-B, p. 3278 BLE68-01697

AGERWALA, TILAK KRISHNA MAHESH
TOWARDS A THEORY FOR THE ANALYSIS AND SYNTHESIS OF SYSTEMS EXHIBITING CONCURRENCY. (PH.D. 1975 THE JOHNS HOPKINS UNIVERSITY) 241p. 36/07-B, p. 3474 BLE76-01524

AGGARWAL, JAGDISHKUMAR KESHORAM
A STUDY OF NONLINEAR SECOND ORDER SYSTEMS. (PH.D. 1964 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 101p. 25/11, p. 6473 BLE65-03183

AGGARWAL, RAJINDER PAL
LARGE SIGNAL DYNAMICS OF LOAD FREQUENCY CONTROL SYSTEMS AND THEIR OPTIMIZATION USING NONLINEAR PROGRAMMING. (PH.D. 1966 UNIVERSITY OF WASHINGTON) 191p. 27/09-B, p. 3098 BLE67-02134

AGNEW, CARSON EDWARDS
THE DYNAMIC CONTROL OF CONGESTION-PRONE SYSTEMS THROUGH PRICING. (PH.D. 1974 STANFORD UNIVERSITY) 103p. 34/12-B, p. 6028 BLE74-13595

AGRAWAL, BAJARANG LALL
A DIRECT APPROACH TO THE DESIGN OF LINEAR MULTIVARIABLE SYSTEMS. (PH.D. 1974 THE UNIVERSITY OF ARIZONA) 153p. 35/04-B, p. 1655 BLE74-21373

AGRAWAL, BRIJ NANDAN
RESONANCES IN NONSTATIONARY NONLINEAR MECHANICAL SYSTEMS. (PH.D. 1970 SYRACUSE UNIVERSITY) 198p. 31/06-B, p. 3420 BLE70-24060

AGRAWAL, SURENDRA PRAKASH
THE ROLE OF ACCOUNTING IN COMPUTER-BASED INFORMATION SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF FLORIDA) 210p. 34/10-A, p. 6171 BLE74-09530

AGRESTI, WILLIAM WOLFGANG
RECURSIVE COMPILER-OPTIMIZATION FOR NONSERIAL PROGRAM GRAPHS. (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 183p. 34/06-B, p. 2556 BLE73-28542

AGUILAR, FELIX
A NUMERICAL ANALYSIS OF TURBULENT FLOW ALONG AN ABRUPTLY ROTATED CYLINDER. (PH.D. 1976 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 278p. 36/12-B, p. 6325 BLE76-13507

AGULNEK, MARTIN ALLAN
APPLICATION OF THE HADAMARD TRANSFORM TO PATTERN RECOGNITION AND IMAGE PROCESSING. (SC.D. 1972 WASHINGTON UNIVERSITY) 133p. 32/12-B, p. 7028 BLE72-17965

AHLEN, JOHN WILLIAM
SPATIAL AND TEMPORAL ASPECTS OF VISUAL INFORMATION PROCESSING DURING READING. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT THE MEDICAL CENTER) 154p. 35/06-B, p. 2720 BLE74-27276

AHMARI, REZA
ON THE OPTIMAL COMPENSATION OF LINEAR MULTIVARIABLE SYSTEMS WITH STRUCTURALLY CONSTRAINED DYNAMIC COMPENSATORS. (PH.D. 1972 ILLINOIS INSTITUTE OF TECHNOLOGY) 162p. 33/11-B, p. 5281 BLE73-12195

AHMED, MUDDATHIR ALI
ELECTRONIC DATA PROCESSING AS A TOOL IN FARM MANAGEMENT: A CASE STUDY OF ARIZONA AMAP (ARIZONA MANAGEMENT AND ACCOUNTING PROGRAM) USERS. (PH.D. 1972 THE UNIVERSITY OF ARIZONA) 184p. 33/04-A, p. 1287 BLE72-25506

AHN, CHANG-YIL
DEVELOPMENT OF A COMPUTER-ASSISTED INSTRUCTIONAL SYSTEM ON THE USE OF THE DICTIONARY OF OCCUPATIONAL TITLES. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 145p. 32/07-A, p. 3678 BLE72-04408

AHN, YOUNGOK
ADSORPTION DYNAMICS OF NONISOTHERMAL SYSTEMS WITH NONLINEAR ISOTHERMS. (PH.D. 1966 IOWA STATE UNIVERSITY) 198p. 27/01-B, p. 149 BLE66-06972

AHUJA, BALDEV KRISHAN
SIMULATION OF INVENTORY CONTROL SYSTEMS WITH STOCHASTIC REPLENISHMENT TIME. (PH.D. 1961 THE UNIVERSITY OF WISCONSIN - MADISON) 105p. 22/03, p. 836 BLE61-03077

AHUJA, SURAJ PARKASH
COMPUTER SIMULATION OF PRIMARY PRODUCTION OF SEMI-AQUATIC SYSTEM USING RICE (ORYZA SATIVA)--AN ANALYSIS AND MODELING OF THE PHYSICS OF BIOLOGICAL - CLIMATOLOGICAL COUPLING. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, DAVIS) 226p. 36/01-B, p. 69 BLE75-15416

AHUMADA, ALBERT JIL, JR.
DETECTION OF TONES MASKED BY NOISE: A COMPARISON OF HUMAN OBSERVERS WITH DIGITAL-COMPUTER-SIMULATED ENERGY DETECTORS OF VARYING BANDWIDTHS. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 90p. 28/03-B, p. 1217 BLE67-09875

AIRD, CHARLES LEE
AN INVESTIGATION OF SELF-STUDY COMPUTER BASED INSTRUCTION IN ENGINEERING. (ED.D. 1973 UNIVERSITY OF VIRGINIA) 130p. 34/08-A, p. 4906 BLE73-32421

AJAY, HELEN BEUCK
STRATEGIES FOR CONTENT ANALYSIS OF ESSAYS BY COMPUTER. (PH.D. 1973 THE UNIVERSITY OF CONNECTICUT) 243p. 34/05-A, p. 2375 BLE73-26568

AJEWOLE, ISAAC ISHOLA
MAXIMUM LIKELIHOOD RECEIVERS FOR NONLINEAR DIGITAL COMMUNICATION SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF ROCHESTER) 192p. 36/01-B, p. 371 BLE75-15188

AKALIN, KEMALETTIN
A SYSTEMS APPROACH TO THE ANALYSIS OF THE TEACHER SUPPLY PROBLEM IN TURKISH SECONDARY EDUCATION. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 302p. 35/06-A, p. 3383 BLE74-27382

AKIN, JIMMY HOWARD
CHARACTERISTICS OF THE STEADY-STATE SOLUTIONS OF A CLASS OF NONLINEAR SYSTEMS. (PH.D. 1967 THE UNIVERSITY OF TEXAS AT AUSTIN) 128p. 27/12-B, p. 4407 BLE67-08086

AKKERHUIS, GERARD
A COMPARISON OF PUPIL ACHIEVEMENT AND PUPIL ATTITUDES WITH AND WITHOUT THE ASSISTANCE OF BATCH COMPUTER-SUPPORTED INSTRUCTION. (ED.D. 1974 UNIVERSITY OF SOUTHERN CALIFORNIA) 77p. 34/10-A, p. 6345 BLE74-09052

ALAGIC, SUAD
ALGEBRAIC ASPECTS OF PROGRAMMING AND FORMAL-LANGUAGES. (PH.D. 1974 UNIVERSITY OF MASSACHUSETTS) 104p. 35/01-B, p. 175 BLE74-15001

AL-ALAOUI, MOHAMAD ADNAN
SOME APPLICATIONS OF GENERALIZED INVERSE TO PATTERN RECOGNITION. (PH.D. 1974 GEORGIA INSTITUTE OF TECHNOLOGY) 111p. 35/12-B, p. 5885 BLE75-12997

ALAM, MOHAMMED AZADUL
OPTIMAL CONTROL OF NONLINEAR SYSTEMS WITH INPUT CONSTRAINTS. (SC.D. 1968 WASHINGTON UNIVERSITY) 83p. 29/08-B, p. 2840 BLE69-02436

ALAM, MUHAMMAD AFTAB
LINEAR SYSTEM IDENTIFICATION BY DECOMPOSITION. (PH.D. 1974 SOUTHERN METHODIST UNIVERSITY) 90p. 35/04-B, p. 1656 BLE74-22044

ALANI, ADNAN FADHEL
CORRELATION OF PHYSICAL TESTS WITH COMPUTER SIMULATION MODELS FOR SLAB AND GIRDER BRIDGE SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 229p. 32/10-B, p. 5772 BLE72-11298

ALBERS, CHARLES JOHN, JR.
ABSOLUTE STABILITY OF CONTROL SYSTEMS HAVING TIME DELAYS. (PH.D. 1971 UNIVERSITY OF SOUTH CAROLINA) 312p. 32/10-B, p. 5783 BLE72-11993

ALBERS, JAMES ARTHUR
TWO-DIMENSIONAL POTENTIAL FLOW AND BOUNDARY LAYER ANALYSIS OF THE AIRFOIL OF A STOL WING PROPULSION SYSTEM. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 151p. 32/06-B, p. 3310 BLE71-31146

ALBIN, ARTHUR GRAYSON
THE ANALYSIS AND RECOMMENDED DESIGN OF A HIGH-RESOLUTION DIGITAL DATA ACQUISITION SYSTEM FOR THE IN SITU MEASUREMENT OF VARIOUS PHYSICAL AND CHEMICAL PARAMETERS OF SEA WATER. (PH.D. 1968 OREGON STATE UNIVERSITY) 133p. 29/04-B, p. 1453 BLE68-14106

ALCONE, JERRY MAURICE
APPLICATION OF MODERN CONTROL THEORY TO HYDROSTATIC BEARINGS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, BERKELEY) 184p. 30/03-B, p. 1149 BLE69-14830

ALDERSON, GARY ED
SEMI-NUMERICAL ANALYSIS OF LARGE NETWORKS. (PH.D. 1971 PURDUE UNIVERSITY) 147p. 32/09-B, p. 5177 BLE72-07917

ALEXANDER, SYBILLA LESLIE
AN EVALUATION OF THE EFFECTS OF ATTITUDE, MASTERY, AND INTEGRATION ON APPLICATION OF LESSON PLANNING SKILLS LEARNED IN A COMPUTER-BASED INSTRUCTIONAL SIMULATION AND PRACTICED IN MICROCLASSROOMS BY PROSPECTIVE TEACHERS. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 159p. 37/05-A, p. 2765 BLE76-24034

ALEXANDER, WILLIAM PRESTON, III
ANALYSIS OF SEQUENCING IN COMPUTER PROGRAMS AND SYSTEMS. (PH.D. 1974 THE UNIVERSITY OF TEXAS AT AUSTIN) 94p. 35/08-B, p. 3866 BLE75-04313

ALEXANDER, WILMA JEAN
ENVIRONMENTAL AND EDUCATIONAL CHARACTERISTICS OF SECONDARY BUSINESS DATA-PROCESSING TEACHERS IN THE UNITED STATES. (ED.D. 1973 OKLAHOMA STATE UNIVERSITY) 227p. 34/09-A, p. 5812 BLE74-07949

ALGUIRE, ROBERT THORNTON
COMPUTER MODEL FOR REGIONAL PLANNING OF WATER AND SEWER SYSTEMS. (PH.D. 1974 THE UNIVERSITY OF OKLAHOMA) 199p. 36/01-B, p. 361 BLE75-15243

ALLAN, JOHN FREDERICK
THE STATUS OF COMPREHENSIVE PLANNING AND APPLICATION OF SYSTEM ANALYSIS CONCEPTS IN PLANNING BY STATE DEPARTMENTS OF EDUCATION. (ED.D. 1971 UNIVERSITY OF MISSOURI - COLUMBIA) 173p. 33/01-A, p. 92 BLE72-19183

ALLAN, JOHN JAMES, III
MAN-COMPUTER SYNERGISM FOR DECISION-MAKING IN THE SYSTEM DESIGN PROCESS. (PH.D. 1968 THE UNIVERSITY OF MICHIGAN) 208p. 29/08-B, p. 2898 BLE69-02277

ALLAN, RICHARD EARL
THE ROLE OF DIGITAL COMPUTERS IN THE DEVELOPMENT OF GRAPHICAL METHODS FOR DATA ANALYSIS AND PRESENTATION. (PH.D. 1971 GEORGE PEABODY COLLEGE FOR TEACHERS) 168p. 32/04-B, p. 2274 BLE71-26196

ALLEN, CHARLES MICHAEL
A SWITCHING ALGEBRA AND ASSOCIATED MINIMIZATION TECHNIQUES APPLICABLE TO THE DESIGN OF MULTIPLE-VALUED LOGIC SYSTEMS. (PH.D. 1968 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 115p. 29/06-B, p. 2034 BLE68-17306

ALLEN, FRANK DAVID
A LOGIC DESIGN ALGORITHM FOR LARGE-SCALE INTEGRATION ARRAYS. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 212p. 33/10-B, p. 4757 BLE73-10405

ALLEN, JIMMY DALE
I. AMYLASES AS TRANSGLYCOSYLASES. II. SUBSITE MAPPING OF ENZYMES. DEPOLYMERASE COMPUTER MODELING. III. SUBSITE MAPPING OF ENZYMES. APPLICATION OF THE DEPOLYMERASE COMPUTER MODEL TO TWO ALPHA -AMYLASES. (PH.D. 1976 UNIVERSITY OF ARKANSAS) 205p. 37/05-B, p. 2199 BLE76-26369

ALLEN, MICHAEL WAKEFIELD
THE PREDICTION OF ACHIEVEMENT IN COMPUTER ASSISTED INSTRUCTION VERSUS LECTURE INSTRUCTION USING LINEAR MULTIPLE REGRESSION TECHNIQUES. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 80p. 32/11-B, p. 6612 BLE72-15169

ALLEN, RODNEY HOWARD
RAPID COMPUTER AIDED ANALYSIS OF NONLINEAR ELECTRONIC CIRCUITS. (PH.D. 1969 CORNELL UNIVERSITY) 108p. 30/07-B, p. 3170 BLE69-20963

ALLEN, WALTER GREGORY, JR.
COMPUTER-AIDED INSTRUCTION FOR BUSINESS ADMINISTRATION PROGRAMS IN THE COMMUNITY COLLEGE. (ED.D. 1974 THE UNIVERSITY OF FLORIDA) 114p. 35/06-A, p. 3444 BLE74-27862

ALLER, JAMES CURWOOD
MULTI-SENSOR DATA PROCESSING FOR SCREENING AND PREDICTIVE HEALTH CONTROL APPLICATIONS (A SYSTEMS ANALYSIS). (SC.D. 1968 THE GEORGE WASHINGTON UNIVERSITY) 123p. 29/04-B, p. 1330 BLE68-14539

ALLEY, THOMAS LEROY
THE ESTABLISHMENT OF A PROCEDURE FOR SELECTING A FAVORABLE METHOD OF DETERMINING NATURAL FREQUENCIES AND NATURAL MODES OF VIBRATION OF MULTI-DEGREE-OF-FREEDOM MECHANICAL SYSTEMS, THE MOTIONS OF WHICH CAN BE DESCRIBED BY LINEAR DIFFERENTIAL EQUATIONS. (PH.D. 1964 THE OHIO STATE UNIVERSITY) 326p. 25/02, p. 1112 BLE64-09648

ALLGAIER, GLEN ROBERT
STOCHASTIC OPTIMAL ESTIMATION AND CONTROL OF LINEAR DISCRETE TIME SYSTEMS WITH TIME DELAY. (PH.D. 1971 THE UNIVERSITY OF ARIZONA) 169p. 32/06-B, p. 3347 BLE72-00185

ALMASI, JOHN JULIUS
STEADY STATE RESPIRATORY MODULATION OF HEART RATE STUDIED BY COMPUTER ASSISTED VOLUNTARY CARDIO-RESPIRATORY SYNCHRONIZATION. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 236p. 33/04-B, p. 1417 BLE72-27719

ALMUZARA, JOSE LUIS GARCIA
MINIMUM TIME CONTROL OF A NONLINEAR SYSTEM. (PH.D. 1966 STANFORD UNIVERSITY) 120p. 27/08-B, p. 2686 BLE66-14628

AL-SADI, AKEEL HANY SAEED
VALUATION ADJUSTMENT IN INPUT-OUTPUT TABLES, ECONOMIC STRUCTURE, AND ECONOMIC SYSTEMS: A COMPARATIVE EMPIRICAL ANALYSIS. (PH.D. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 429p. 35/02-A, p. 665 BLE74-14424

ALSBERG, PETER ALLYN
OSL/2, AN OPERATING SYSTEM LANGUAGE. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 255p. 32/08-B, p. 4528 BLE72-06882

ALSPACH, DANIEL LEE
A BAYESIAN APPROXIMATION TECHNIQUE FOR ESTIMATION AND CONTROL OF TIME DISCRETE STOCHASTIC SYSTEMS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, SAN DIEGO) 220p. 31/06-B, p. 3335 BLE70-23853

ALSPAUGH, CAROL ANN
A STUDY OF THE RELATIONSHIPS BETWEEN STUDENT CHARACTERISTICS AND PROFICIENCY IN SYMBOLIC AND ALGEBRAIC COMPUTER PROGRAMMING. (ED.D. 1970 UNIVERSITY OF MISSOURI - COLUMBIA) 99p. 31/08-B, p. 4627 BLE71-03301

ALTER, STEPHEN JAY
ON THE ALMOST SURE PROPERTIES OF LINEAR STOCHASTIC SYSTEMS WITH A SMALL PARAMETER. (PH.D. 1973 POLYTECHNIC INSTITUTE OF NEW YORK) 144p. 34/05-B, p. 2066 BLE73-24739

ALTES, RICHARD ALAN
METHODS OF WIDEBAND SIGNAL DESIGN FOR RADAR AND SONAR SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF ROCHESTER) 270p. 32/06-B, p. 3347 BLE72-00697

ALTMAYER, LEE HEYMAN
DIGITAL COMPUTERS IN CHEMICAL INSTRUMENTATION. (PH.D. 1973 EMORY UNIVERSITY) 136p. 34/07-B, p. 3182 BLE74-00437

AMARA, ROSARIO CHARLES
THE LINEAR LEAST SQUARES SYNTHESIS OF CONTINUOUS AND SAMPLED DATA MULTIVARIABLE SYSTEMS. (PH.D. 1958 STANFORD UNIVERSITY) 135p. 19/09, p. 2305 BLE59-00248

AMICK, DANIEL JAMES
INFORMATION PROCESSING IN BASIC AND APPLIED SCIENCE: AN EXPLORATORY STUDY AT THE INTERFACE OF THE SOCIOLOGY OF SCIENCE AND INFORMATION SCIENCE. (PH.D. 1971 UNIVERSITY OF PITTSBURGH) 155p. 31/11-B, p. 6729 BLE71-10844

AMIN-MALLAK, ZUHEIR
A FLOW OF FUNDS SYSTEM FOR THE SYRIAN ECONOMY, 1953-1969; MEASUREMENT, ANALYSIS, AND APPLICATIONS. (PH.D. 1972 UNIVERSITY OF PENNSYLVANIA) 281p. 33/12-A, p. 6560 BLE73-13370

AMIR-ASLANI, BEHROUZ
SEQUENTIAL LINEAR PROGRAMMING UNDER UNCERTAINTY IN THE OPERATION OF A MULTI-PURPOSE DAM-RESERVOIRS SYSTEM: CASE STUDY, KHUZESTAN, IRAN. (PH.D. 1975 STANFORD UNIVERSITY) 154p. 36/10-B, p. 5194 BLE75-28494

AMIR-EBRAHIMI, KAMRAN
DYNAMIC OPTIMIZATION IN AN ECONOMIC SYSTEM: A LINEAR-QUADRATIC FORMULATION. (PH.D. 1974 UNIVERSITY OF PITTSBURGH) 248p. 35/12-B, p. 5886 BLE75-13645

AMIRI, KATHLEEN BAILEY
OIL AND IRAN: A SYSTEMS ANALYSIS OF POLICY AND ORGANIZATION, 1973-74. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 275p. 37/05-A, p. 3145 BLE76-24035

AMISIAL, ROGER A. GABRIEL
ANALOG COMPUTER SOLUTION OF THE UNSTEADY FLOW EQUATIONS AND ITS USE IN MODELING THE SURFACE RUNOFF PROCESS. (PH.D. 1969 UTAH STATE UNIVERSITY) 189p. 30/08-B, p. 3629 BLE70-02380

AMO, KOHEI
USE OF THE FREQUENCY DOMAIN IN ELECTRONIC DIGITAL COMPUTERS. (PH.D. 1957 STANFORD UNIVERSITY) 249p. 17/07, p. 1524 BLE00-21562

AMOSS, DONALD CURTIS
COMPUTER PROCESSING OF FETAL ELECTROCARDIOGRAMS. (PH.D. 1969 DREXEL UNIVERSITY) 307p. 30/06-B, p. 2654 BLE69-19680

AMR, ASAD TAMER
EVALUATION OF ENERGY SYSTEMS: DEVELOPMENT OF CRITERIA AND PROCEDURE OF ANALYSIS ON THE BASIS OF FUEL RESOURCES, ENVIRONMENTAL QUALITY, AND ECONOMICS. (PH.D. 1975 DREXEL UNIVERSITY) 469p. 36/01-B, p. 145 BLE75-14480

AMSPOKER, ROBERT DWIGHT
ORGANIZATIONAL FACTORS RELATED TO OPERATIONS RESEARCH PROJECT GROUP EFFECTIVENESS. (D.B.A. 1973 KENT STATE UNIVERSITY) 161p. 34/07-A, p. 3618 BLE73-32338

AMUNDSON, DONALD ALFRED
A STUDY OF THE CONCEPTS DEVELOPED THROUGH A ONE-SEMESTER HIGH SCHOOL DATA PROCESSING COURSE. (ED.D. 1975 NORTHERN ILLINOIS UNIVERSITY) 231p. 36/09-A, p. 5753 BLE76-04677

ANAKWA, KWASI NTOW
A DESIGN PROCEDURE FOR MULTIVARIABLE CONTROL SYSTEMS WITH APPLICATION TO POWER PLANTS. (PH.D. 1972 BROWN UNIVERSITY) 101p. 33/08-B, p. 3642 BLE73-02224

ANAND, YOGINDRA NATH
COMPUTER-AIDED PRELIMINARY DESIGN IN REINFORCED CONCRETE. (D.ENG. 1972 UNIVERSITY OF DETROIT) 178p. 33/02-B, p. 682 BLE72-22037

ANDEEN, RICHARD ELMER
ANALYSIS OF LINEAR AND NONLINEAR SAMPLED-DATA CONTROL SYSTEMS. (PH.D. 1958 NORTHWESTERN UNIVERSITY) 149p. 19/10, p. 2564 BLE59-00194

ANDERSON, BRUCE MORGAN
POLYNOMIAL MATRICES--APPLICATIONS TO SYNTHESIS AND ANALYSIS OF LINEAR MULTIVARIABLE SYSTEMS. (PH.D. 1973 NORTHWESTERN UNIVERSITY) 156p. 34/09-B, p. 4416 BLE74-07701

ANDERSON, CHARLES MILTON
A COMPLETE MATRIX COMPUTER AND EXPERIMENTAL ANALYSIS OF FRAMED FOLDED PLATE ROOF STRUCTURES. (PH.D. 1968 UNIVERSITY OF MINNESOTA) 163p. 29/07-B, p. 2416 BLE68-17678

ANDERSON, DAVID O'NEIL
COMPUTER ASSISTANCE FOR THE DIAGNOSIS OF LEARNING DISABILITIES. (PH.D. 1973 NORTHWESTERN UNIVERSITY) 147p. 34/06-A, p. 3185 BLE73-30514

ANDERSON, DOUGLAS ARTHUR
DESIGN OF SELF-CHECKING DIGITAL NETWORKS USING CODING TECHNIQUES. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 137p. 32/10-B, p. 5732 BLE72-12065

ANDERSON, DURWARD LYNN
AN APPLICATION OF FLANDERS' INTERACTION ANALYSIS SYSTEM AND FLUENCY IN ASKING QUESTIONS TO INCREASE STUDENT ACHIEVEMENT IN A DATA-PROCESSING PROGRAM. (PH.D. 1974 TEXAS A&M UNIVERSITY) 93p. 35/04-A, p. 2113 BLE74-21171

ANDERSON, EDWIN LEROY
THE DEVELOPMENT OF A MODEL FOR COMPUTER SIMULATION OF A COUNSELING CENTER . (PH.D. 1970 OREGON STATE UNIVERSITY) 132p. 31/05-A, p. 1987 BLE70-22756

ANDERSON, FRANK MALCOLM
COMPUTER SIMULATION OF A BIOMANAGEMENT SYSTEM--THE MENDOCINO COUNTY DEER POPULATION IN CALIFORNIA. (PH.D. 1972 OREGON STATE UNIVERSITY) 166p. 33/01-A, p. 41 BLE72-18849

ANDERSON, HAROLD ALBERT, JR.
AN EMPIRICAL INVESTIGATION INTO FOREGROUND-BACKGROUND SCHEDULING FOR AN INTERACTIVE COMPUTING SYSTEM. (PH.D. 1972 SYRACUSE UNIVERSITY) 194p. 33/09-B, p. 4228 BLE73-07697

ANDERSON, HENRY DWIGHT
OPTIMAL SELECTION OF SECONDARY-INDEXES IN DATA-BASE MANAGEMENT SYSTEMS. (PH.D. 1973 SYRACUSE UNIVERSITY) 282p. 35/02-B, p. 775 BLE74-17557

ANDERSON, JAMES WAYNE
PRIMITIVE PROCESS LEVEL MODELING AND SIMULATION OF A MULTIPROCESSING COMPUTER SYSTEM. (PH.D. 1974 THE UNIVERSITY OF TEXAS AT AUSTIN) 127p. 35/05-B, p. 2136 BLE74-24823

ANDERSON, JOHN JOSEPH
THE USE OF THE COMPUTER IN THE ACCOUNTING CLASSROOM. (PH.D. 1967 THE UNIVERSITY OF WISCONSIN - MADISON) 141p. 28/02-A, p. 351 BLE67-00471

ANDERSON, LOWELL MELVIN
TEMPERATURE COMPUTER MEASUREMENTS, PRODUCTION AND CARCASS TRAITS OF INDIVIDUALLY FED WEIGHT CONSTANT STEERS. (PH.D. 1971 SOUTH DAKOTA STATE UNIVERSITY) 109p. 32/08-B, p. 4318 BLE72-06469

ANDERSON, PAUL MAURICE
EFFECT OF SOME MATRIX PROPERTIES OF ELECTRIC NETWORKS UPON COMPUTER SOLUTIONS. (PH.D. 1961 IOWA STATE UNIVERSITY) 71p. 22/03, p. 832 BLE61-03027

ANDERSON, PETER OLE
ESTIMATION OF SIMULTANEOUS SYSTEMS OF LINEAR EQUATIONS WITH NONLINEAR CONSTRAINTS AMONG THE COEFFICIENTS. (PH.D. 1969 STANFORD UNIVERSITY) 57p. 30/04-B, p. 1942 BLE69-17392

ANDERSON, RICHARD TODD
A COMPARATIVE ANALYSIS OF THE INFLUENCE OF SELECTED CHARACTERISTICS ON THE ATTITUDES OF FACULTY, MANAGEMENT, AND BOARD MEMBERS OF THE WISCONSIN VOCATIONAL, TECHNICAL, AND ADULT EDUCATION SYSTEM TOWARD THE COLLECTIVE BARGAINING PROCESS. (ED.D. 1975 MARQUETTE UNIVERSITY) 217p. 37/02-A, p. 715 BLE7 -16871

ANDREOLI, THOMAS FREDERICK
THE EFFECTS OF A PROGRAMMED COURSE IN COMPUTER PROGRAMMING WITH DIFFERENT FEEDBACK PROCEDURES ON MATHEMATICAL REASONING ABILITY. (PH.D. 1976 THE UNIVERSITY OF CONNECTICUT) 108p. 37/02-A, p. 780 BLE76-18861

ANDREWS, ARLAN KEITH, SR.
THE MONTE CARLO METHOD: A COMPUTER TECHNIQUE FOR THE DETERMINATION OF TEMPERATURES IN SOLIDS. (SC.D. 1969 NEW MEXICO STATE UNIVERSITY) 313p. 30/02-B, p. 666 BLE69-12782

ANDREWS, CARROLL ADREON
A STUDY OF LINEAR SYSTEMS WITH RANDOM ELEMENTS. (PH.D. 1964 SYRACUSE UNIVERSITY) 130p. 25/10, p. 5824 BLE65-03406

ANDREWS, CHARLES SAMUEL
AN INVESTIGATION OF THE USE OF COMPUTER-ASSISTED INSTRUCTION IN FRENCH AS AN ADJUNCT TO CLASSROOM INSTRUCTION. (PH.D. 1973 THE FLORIDA STATE UNIVERSITY) 116p. 34/09-A, p. 5900 BLE74-06710

ANDREWS, GREGORY RICHARD
COPS–A PROTECTION MECHANISM FOR COMPUTER SYSTEMS. (PH.D. 1974 UNIVERSITY OF WASHINGTON) 172p. 35/08-B, p. 3866 BLE75-03943

ANDREWS, JAMES BASIL
AN ANALYSIS OF THE MEANING SPACE OF SCHOOL PERSONNEL: ATTITUDES TOWARD THE COMPUTER AND DATA PROCESSING. (PH.D. 1968 THE UNIVERSITY OF IOWA) 158p. 29/06-A, p. 1696 BLE68-16779

ANDREWS, MICHAEL
HYBRID COMPUTER METHODS FOR DIRECT FUNCTIONAL OPTIMIZATION. (PH.D. 1972 THE UNIVERSITY OF ARIZONA) 155p. 33/06-B, p. 2604 BLE72-31844

ANDRY, ALBERT NEHMAN, JR.
EXTREMUM-PRINCIPLES FOR OPTIMAL CONTROL IN NORMED LINEAR SPACES. (PH.D. 1973 NORTHWESTERN UNIVERSITY) 94p. 34/06-B, p. 2662 BLE73-30516

ANGELL, THOMAS STRONG
EXISTENCE THEOREMS FOR A CLASS OF OPTIMAL CONTROL PROBLEMS. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 119p. 30/09-B, p. 4245 BLE70-04030

ANKLESARIA, KAIOMARS PHIROZE
A METHOD OF ANALYSIS FOR THE DETERMINATION OF SYSTEM BEHAVIOUR THROUGH THE ANALYSIS OF TIME-SERIES NOMINAL DATA. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 186p. 35/02-A, p. 644 BLE74-17747

ANSARI, SHAHID LATIF
A SYSTEMS MODEL OF ACCOUNTING VARIANCE CONTROL. (PH.D. 1973 COLUMBIA UNIVERSITY) 261p. 34/07-A, p. 3619 BLE74-01466

ANTHONY, TED FRANKLIN
AN EXPLORATORY ANALYSIS OF THE ROLE OF PRIDE OF AUTHORSHIP IN JOB SATISFACTION OF NON-SCIENTIFIC COMPUTER PROGRAMMERS. (D.B.A. 1971 UNIVERSITY OF COLORADO AT BOULDER) 218p. 32/12-A, p. 6604 BLE72-17233

ANTIKA, SLOMO
NEAR OPTIMAL CONTROL OF LUMPED PARAMETER SYSTEMS. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 159p. 33/03-B, p. 1098 BLE72-23197

ANTISTA, JOHN A.
A COMPARATIVE STUDY OF COMPUTER-ASSISTED AND NON COMPUTER-ASSISTED INSTRUCTION IN SENIOR HIGH SCHOOL ENGLISH CLASSES. (ED.D. 1974 WAYNE STATE UNIVERSITY) 107p. 35/12-A, p. 7600 BLE75-13293

ANTOLINI, ANTHONY FREDERICK
AN INVESTIGATION OF THE FEASIBILITY OF COMPUTER-BASED GENERATION OF PATTERN DRILLS FOR FIRST-YEAR RUSSIAN. (PH.D. 1975 STANFORD UNIVERSITY) 227p. 36/09-A, p. 6059 BLE76-05687

ANTONIO, JAMES FREDERIC
THE USEFULNESS OF THE 'AUDIT TRAIL' IN ELECTRONIC DATA PROCESSING SYSTEMS . (PH.D. 1967 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 317p. 28/08-A, p. 2825 BLE68-01700

ANYIWO, JOSHUA CHUKWUKA
A COMPUTER STUDY OF WALL BOUNDARY LAYERS. (PH.D. 1972 COLORADO STATE UNIVERSITY) 200p. 32/11-B, p. 6362 BLE72-16106

APPAN, SUBRAMANIAM GANAPATHI
THE NORTH AMERICAN SPECIES OF MANIHOT DELIMITED BY COMPUTER AIDED TAXIMETRIC METHODS. (PH.D. 1969 UNIVERSITY OF COLORADO AT BOULDER) 361p. 31/03-B, p. 1103 BLE70-16462

APPLE, HOWARD PAUL
ENGINEERING DESIGN STUDIES OF CYBERNETIC ORTHOTIC/PROSTHETIC SYSTEMS. (PH.D. 1969 CASE WESTERN RESERVE UNIVERSITY) 367p. 30/09-B, p. 4094 BLE70-04892

APRILLE, THOMAS JOSEPH, JR.
TWO COMPUTER ALGORITHMS FOR OBTAINING THE PERIODIC RESPONSE OF NONLINEAR CIRCUITS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 91p. 33/01-B, p. 191 BLE72-19785

APTE, ANAND JANARDAN
SYSTEMS ANALYSIS OF ECOSYSTEM STABILITY. (PH.D. 1974 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 190p. 35/08-B, p. 3945 BLE75-01910

ARAFEH, SAMIR ADIB
MULTILEVEL HIERARCHICAL SYSTEM-IDENTIFICATION IN LARGE-SCALE DISCRETE-TIME SYSTEMS–WITH APPLICATION TO POWER SYSTEMS. (PH.D. 1973 SOUTHERN METHODIST UNIVERSITY) 193p. 34/08-B, p. 3782 BLE74-05165

ARAKALI, VENKATESHA MURTHY S.
SPACE-TIME KINETICS OF HETEROGENEOUS SYSTEMS USING TWO-GROUP NEUTRON DIFFUSION THEORY. (PH.D. 1972 WEST VIRGINIA UNIVERSITY) 141p. 33/04-B, p. 1577 BLE72-26858

ARBABI-KANJOORI, FREYDOON
CREEP ANALYSIS OF AXISYMMETRIC SHELLS USING A NUMERICAL INTEGRATION SCHEME. (PH.D. 1975 ILLINOIS INSTITUTE OF TECHNOLOGY) 113p. 36/12-B, p. 6298 BLE76-13141

ARCUS, ALBERT LAWRENCE
AN ANALYSIS OF A COMPUTER METHOD OF SEQUENCING ASSEMBLY LINE OPERATIONS. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, BERKELEY) 1065p. 26/05, p. 2519 BLE64-02266

ARENDT, PAUL NELSON
AN ANALYSIS OF THE HEATING AND CONFINEMENT OF PLASMAS BY RADIO FREQUENCY ANTENNA SYSTEMS. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 126p. 32/05-B, p. 2938 BLE71-27417

ARIELY, GIDEON
VERIFICATION OF SYSTEMS PROGRAMS. (PH.D. 1975 CARNEGIE-MELLON UNIVERSITY) 288p. 36/11-B, p. 5682 BLE76-07447

ARISMAN, RUTH KATHLEEN
INVESTIGATIONS OF THE EFFECTS OF ORGANIC SOLUTES ON THE STRUCTURE OF WATER USING NEAR INFRARED SPECTROSCOPY WITH COMPUTER DECONVOLUTION OF SPECTRA, AND SPECTROSCOPIC AND VISCOMETRIC STUDIES OF DIMETHYLSULFOXIDE AND METHANOL SOLUTIONS CONTAINING SALTS. (PH.D. 1975 UNIVERSITY OF SOUTH CAROLINA) 192p. 36/11-B, p. 5602 BLE76-10442

ARMAND, JEAN-LOUIS PIERRE
APPLICATIONS OF THE THEORY OF OPTIMAL CONTROL OF DISTRIBUTED-PARAMETER SYSTEMS TO STRUCTURAL OPTIMIZATION. (PH.D. 1971 STANFORD UNIVERSITY) 163p. 32/10-B, p. 5751 BLE72-11800

ARMBORST, DAVID EDWARD
THE DEVELOPMENT OF THE PROTO-GERMANIC OBSTRUENT SYSTEM: A CRITICAL ANALYSIS AND A GENERATIVE APPROACH. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 245p. 34/12-A, p. 7728 BLE74-11934

ARMSTRONG, ERNEST STOKES, JR.
AN ALGORITHM FOR THE ITERATIVE SOLUTION OF A CLASS OF TWO-POINT BOUNDARY VALUE PROBLEMS OCCURRING IN OPTIMAL CONTROL THEORY. (PH.D. 1967 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 182p. 28/04-B, p. 1604 BLE67-11972

ARMSTRONG, GARY MARTIN
SCHEDULE: AN INTERACTIVE COMPUTER PROGRAM FOR DETERMINATION OF THE OPTIMAL ALLOCATION OF PERSONAL SELLING EFFORTS. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 284p. 33/06-A, p. 2559 BLE72-32370

ARMSTRONG, GERALD MILTON
A CLASSICAL APPROACH TO THE DENJOY INTEGRAL AND EXTENSIONS OF A SUFFICIENCY THEORY IN OPTIMAL CONTROL. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 39p. 31/12-B, p. 7413 BLE71-12675

ARMSTRONG, JAMES ROBERT
ON THE NUMBER OF MODULES REQUIRED TO MECHANIZE COMPUTATIONAL CIRCUITS. (PH.D. 1975 MARQUETTE UNIVERSITY) 113p. 36/10-B, p. 5137 BLE76-08625

ARNEY, JAMES DOUGLAS
COMPUTER SIMULATION OF DOUGLAS-FIR TREE AND STAND GROWTH. (PH.D. 1972 OREGON STATE UNIVERSITY) 88p. 33/01-B, p. 8 BLE72-20742

ARNOLD, DONALD R.
A STATUS STUDY OF PLANNING PROGRAMMING BUDGETING SYSTEMS IN SELECTED INSTITUTIONS OF HIGHER EDUCATION IN ILLINOIS. (PH.D. 1973 SOUTHERN ILLINOIS UNIVERSITY) 192p. 34/09-A, p. 5652 BLE74-06176

ARNOLD, FRANK ROBERT
STEADY-STATE OSCILLATIONS IN NONLINEAR SYSTEMS OF TWO DEGREES OF FREEDOM. (PH.D. 1954 STANFORD UNIVERSITY) 189p. 14/06, p. 959 BLE00-08209

ARNOLD, JOHN H.
AIR ARMAMENT PLANNING AND DESIGN THROUGH SYSTEMS ANALYSIS. (PH.D. 1972 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 156p. 33/05-B, p. 2031 BLE72-28326

ARNWINE, WILLIAM CARROL
A DYNAMIC TRANSPORTATION SUB-SYSTEM ANALYSIS FOR OPTIMIZING A MATERIAL HANDLING SYSTEM WITH MULTIPLE TRANSFERS. (PH.D. 1967 IOWA STATE UNIVERSITY) 101p. 28/04-B, p. 1526 BLE67-12941

ARONOFF, ETHAN
SUBOPTIMAL CONTROL BY FINITE VARIATIONAL METHODS WITH APPLICATIONS TO THE CONTROL OF DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 133p. 32/02-B, p. 927 BLE71-19442

ARRINGTON, JOHN SHERWOOD
COMPUTER SIMULATION OF A STOCHASTIC DISPATCHING SYSTEM WITH ON-LINE REAL-TIME FEEDBACK. (PH.D. 1969 STANFORD UNIVERSITY) 318p. 30/08-B, p. 3630 BLE70-01493

ARSENAULT, JAMES RAY
GPLAN-WPC: A GENERALIZED DATA-BASE PLANNING SYSTEM FOR WATER POLLUTION CONTROL. (PH.D. 1973 PURDUE UNIVERSITY) 170p. 34/05-B, p. 1972 BLE73-28041

ARSEVEN, SUSAN MARY
A SYSTEM TO MONITOR AND CONTROL THE DEVELOPMENT AND DOCUMENTATION OF A COMPUTER PROGRAMMING PROJECT. (PH.D. 1975 TEXAS A&M UNIVERSITY) 227p. 36/05-B, p. 2348 BLE75-25078

ARTANDI, SUSAN SZERDAHELYI
BOOK INDEXING BY COMPUTER. (PH.D. 1963 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 211p. 24/04, p. 1622 BLE63-08074

ARVANITIS, LOUCAS GEORGE
DECISION RULES FOR DESIGN OF FOREST SAMPLING SYSTEMS: A CONTRIBUTION TO METHODOLOGY BASED ON COMPUTER SIMULATION. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 169p. 27/03-B, p. 858 BLE66-08264

ARVIND
MODELS FOR THE COMPARISON OF MEMORY MANAGEMENT ALGORITHMS. (PH.D. 1973 UNIVERSITY OF MINNESOTA) 177p. 34/11-B, p. 5414 BLE74-10477

ARYA, NIRANJAN SHANKERBHAI
CAPITAL BUDGETING IN MULTINATIONAL FIRMS: A MATHEMATICAL PROGRAMMING APPROACH. (D.B.A. 1972 THE GEORGE WASHINGTON UNIVERSITY) 131p. 33/08-A, p. 3850 BLE73-03843

ASAI, HITOHISA
PROBABILISTIC SEQUENTIAL MACHINE MODELING OF COMPUTER SYSTEMS AND ITS APPLICATION TO ERROR DETECTION. (PH.D. 1975 UNIVERSITY OF HOUSTON) 242p. 36/08-B, p. 4116 BLE76-03760

ASFAHL, CHARLES RAYMOND
HEURISTIC AND DYNAMIC PROGRAMMING GENERATION METHODS FOR ON-LINE STORAGE AND RETRIEVAL OF FREIGHT RATES BY TIME-SHARING COMPUTER. (PH.D. 1970 ARIZONA STATE UNIVERSITY) 294p. 31/05-B, p. 2693 BLE70-21952

ASH, RAYMOND HOUSTON, JR.
STATE ESTIMATION IN LINEAR SYSTEMS–A UNIFIED THEORY OF MINIMUM ORDER OBSERVERS. (PH.D. 1969 RENSSELAER POLYTECHNIC INSTITUTE) 106p. 30/02-B, p. 639 BLE69-13668

ASH, ROBERT B.
THE APPLICATION OF LINEAR GRAPH THEORY TO SYSTEM ANALYSIS. (PH.D. 1960 COLUMBIA UNIVERSITY) 94p. 20/12, p. 4619 BLE60-01686

ASHLEY, ALLAN SHIELDS
A STOCHASTIC DRIFT FAILURE MODEL: FOR PREDICTION AND ANALYSIS OF SYSTEM EFFECTIVENESS. (PH.D. 1971 POLYTECHNIC INSTITUTE OF NEW YORK) 360p. 32/05-B, p. 2729 BLE71-29025

ASHMUN, RICHARD DEAN
THE EFFECTIVENESS OF A NON-COMPUTER BUSINESS GAME IN TEACHING POST-HIGH SCHOOL BUSINESS PROBLEMS CLASSES. (PH.D. 1966 UNIVERSITY OF MINNESOTA) 196p. 27/08-A, p. 2437 BLE67-00660

ASHTON, ALAN CONWAY
ELECTRONICS, MUSIC AND COMPUTERS. (PH.D. 1970 UNIVERSITY OF UTAH) 183p. 31/08-B, p. 4627 BLE71-03987

ASHTON, PETER MARK
BUDGET ALLOCATION IN THE PUBLIC SECTOR: A SYSTEMS ANALYSIS OF THE COLORADO DIVISION OF WILDLIFE. (PH.D. 1973 COLORADO STATE UNIVERSITY) 252p. 34/03-A, p. 982 BLE73-19873

ASSAF, SHARIF ABDULLAH
APPROXIMATE ANALYSIS OF NONLINEAR STOCHASTIC SYSTEMS. (PH.D. 1975 OKLAHOMA STATE UNIVERSITY) 182p. 36/10-B, p. 5200 BLE76-09625

ASSELIN, MAXINE MARIE
GRAPHIC REPRESENTATION OF MUSICAL CONCEPTS: A COMPUTER-ASSISTED INSTRUCTIONAL SYSTEM. (PH.D. 1972 THE UNIVERSITY OF CONNECTICUT) 99p. 33/06-A, p. 2966 BLE72-32200

ASSEO, SABI JOSEPH
OPTIMAL CONTROL OF A MULTIVARIABLE STOCHASTIC PROCESS AS APPLIED TO A HYDROFOIL BOAT. (PH.D. 1967 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 289p. 28/02-B, p. 673 BLE67-10116

ASUQUO, BEDE OKON
AN ADAPTIVE MODEL FOR DESIGNING A TRANSPORTATION SYSTEM. (PH.D. 1976 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 449p. 37/03-A, p. 1836 BLE76-20189

ATALIK, TAHSIN SELCUK
STATIONARY RANDOM RESPONSE OF NONLINEAR MULTI-DEGREE-OF-FREEDOM SYSTEMS BY A DIRECT EQUIVALENT LINEARIZATION TECHNIQUE. (PH.D. 1974 DUKE UNIVERSITY) 136p. 35/09-B, p. 4486 BLE75-02357

ATAMAN, ERGIN
DETERMINATION OF LIMIT-CYCLES IN NONLINEAR DISCRETE-TIME AUTOMATIC CONTROL SYSTEMS BY USE OF THE DISCRETE GALERKIN METHOD. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 168p. 33/12-B, p. 5816 BLE73-09182

ATKINS, DANIEL EWELL, III
A STUDY OF METHODS FOR SELECTION OF QUOTIENT DIGITS DURING DIGITAL DIVISION. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 128p. 31/10-B, p. 5920 BLE71-05033

ATKINS, MICHAEL IRVING
SOME ASPECTS OF THE PATTERN RECOGNITION PROBLEM. (PH.D. 1973 CASE WESTERN RESERVE UNIVERSITY) 247p. 35/03-B, p. 1229 BLE74-16472

ATKINSON, JOHN DAVID
SPECTRAL DENSITY OF FIRST ORDER PIECEWISE LINEAR SYSTEMS EXCITED BY WHITE NOISE. (PH.D. 1967 CALIFORNIA INSTITUTE OF TECHNOLOGY) 200p. 28/05-B, p. 1965 BLE67-14343

ATTASHANI, ABDULRAZIK SALHIN
INFORMATION THEORY APPLIED TO THE ANALYSIS OF VERBAL AND NONVERBAL PROBLEM SOLVING BEHAVIOR IN SCIENCE RELATED TASKS IN A LIBYAN SAMPLE OF PRIMARY AND SECONDARY SCHOOL STUDENTS. (PH.D. 1975 UNIVERSITY OF PITTSBURGH) 645p. 37/01-A, p. 212 BLE76-08411

ATTAWAY, LELAND DALTON
A MAXIMUM LIKELIHOOD APPROACH TO PREDICTION AND ESTIMATION FOR NONLINEAR DYNAMIC SYSTEMS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 99p. 29/06-B, p. 2036 BLE68-16600

AUBE, GASTON ANDRE
ON ADAPTIVE CONTROL SYSTEMS. (PH.D. 1969 ILLINOIS INSTITUTE OF TECHNOLOGY) 150p. 30/01-B, p. 193 BLE69-12004

AUGSPURGER, ROBERT LEE
A GENERALIZED DATA EXTRACTION SYSTEM FOR VEHICLE ACCIDENT INFORMATION WITH APPLICATION TO SELECTIVE LAW ENFORCEMENT. (PH.D. 1974 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 340p. 36/01-B, p. 325 BLE75-14230

AUSTIN, HUBERT
A STUDY OF COMPUTER NEEDS OF THE GRADUATE STUDENT IN THE TEACHERS COLLEGE AT BALL STATE UNIVERSITY. (ED.D. 1970 BALL STATE UNIVERSITY) 200p. 31/07-A, p. 3402 BLE71-01471

AUSTIN, JOSEPH HAROLD, JR.
FORMAL MODELS OF BINDING PROCESSES IN CONTROL PROGRAMS. (PH.D. 1973 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 194p. 35/03-B, p. 1229 BLE74-18410

AUSTIN, LARRY MORTON
VARIATIONAL METHODS IN THE SOLUTION OF CERTAIN DYNAMIC OPTIMIZATION PROBLEMS IN OPERATIONS RESEARCH. (PH.D. 1971 TEXAS A&M UNIVERSITY) 214p. 32/03-B, p. 1593 BLE71-24649

AVEYARD, ROBERT LIONEL
A THEORY FOR A CLASS OF DISCRETE EVENT SYSTEMS. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 102p. 32/12-B, p. 7028 BLE72-18867

AVIZIENIS, ALGIRDAS ANTHONY
A STUDY OF REDUNDANT NUMBER REPRESENTATIONS FOR PARALLEL DIGITAL COMPUTERS. (PH.D. 1960 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 84p. 21/05, p. 1151 BLE60-03877

AVNER, BARRY PAUL
DESIGN, SYNTHESIS AND TESTING OF SOME NEW 1,4-BENZODIOXANE DERIVATIVES ON THE ADRENERGIC ALPHA-RECEPTOR AND BETA-RECEPTOR SYSTEMS. (PH.D. 1971 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 185p. 32/03-B, p. 1737 BLE71-22555

AXEEN, MARINA ESTHER
TEACHING THE USE OF THE LIBRARY TO UNDERGRADUATES: AN EXPERIMENTAL COMPARISON OF COMPUTER-BASED INSTRUCTION AND THE CONVENTIONAL LECTURE METHOD. (PH.D. 1967 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 208p. 28/11-A, p. 4654 BLE68-01705

AXELBAND, ELLIOT IRA
THE OPTIMAL CONTROL OF CERTAIN CLASSES OF LINEAR DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 78p. 26/12, p. 7330 BLE66-04741

AXSOM, LARRY EARL
A SYSTEM FOR THE CONSTRUCTION OF VARIABLE MODEL COMPILERS AND SCHEDULERS. (VOLUMES I AND II). (PH.D. 1969 UNIVERSITY OF NEVADA, RENO) 312p. 30/09-B, p. 4242 BLE70-03644

AYLWORTH, CHARLES EDWARD
PATTERN PROCESSING BY THE RANDOM ADAPTIVE MODULE (RAM) SYSTEM: A COMPARISON OF ALTERNATIVE MODELS. (PH.D. 1975 UNIVERSITY OF LOUISVILLE) 184p. 36/09-B, p. 4717 BLE76-06586

B

BABCOCK, SCOTT MASCHO
OPTIMAL REGIONAL CONTROL OF DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1973 OKLAHOMA STATE UNIVERSITY) 138p. 34/09-B, p. 4393 BLE74-07863

BABICH, ALAN FRANCIS
A COMPARISON OF TWO METHODS FOR DIGITAL COMPUTER SIMULATION OF SYSTEMS IN WHICH THERE ARE CONTINUOUS CHANGE AND INTERMITTENT INTERVALS OF COMPLEX ACTIVITY. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 424p. 32/10-B, p. 5898 BLE72-12698

BABICH, GEORGE, SR.
EDUCATIONAL ADMINISTRATION AND EDUCATIONAL DATA PROCESSING, THE FIRST DECADE: A DESCRIPTIVE STUDY OF SELECTED MICHIGAN SCHOOLS. (PH.D. 1970 THE UNIVERSITY OF MICHIGAN) 192p. 31/08-A, p. 3797 BLE71-04561

BABICK, ARTHUR
A PILOT STUDY OF COMPUTER BASED CYBERNETIC TESTING. (PH.D. 1974 SYRACUSE UNIVERSITY) 187p. 35/11-B, p. 5376 BLE75-09720

BACKLUND, DARIEN HOWARD
ELECTRONIC DATA PROCESSING WITH SPECIFIC REFERENCE TO THE PREPARATION, DUTIES, AND QUALIFICATIONS OF THE PROGRAMMER IN THE CITY OF PORTLAND, OREGON. (ED.D. 1964 OREGON STATE UNIVERSITY) 171p. 25/06, p. 3337 BLE64-13361

BACON, CHARLES M.
STATE-SPACE DESIGN AND OPTIMIZATION OF LINEAR TIME-INVARIANT SYSTEMS. (PH.D. 1964 MICHIGAN STATE UNIVERSITY) 109p. 25/11, p. 6474 BLE65-01706

BADAVAS, PAUL CHRIS
CONTROL OF A CLASS OF DISTRIBUTED SYSTEMS WITH NOISY MEASUREMENTS. (PH.D. 1969 PURDUE UNIVERSITY) 138p. 30/11-B, p. 5039 BLE70-06850

BAER, JEAN-LOUP E.
GRAPH MODELS OF COMPUTATIONS IN COMPUTER SYSTEMS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 223p. 29/11-B, p. 4165 BLE69-08109

BAER, JOHN ETHAN
AN INQUIRY INTO COMPUTERS IN HOSPITALS. (D.P.A. 1967 NEW YORK UNIVERSITY) 243p. 29/01-A, p. 309 BLE68-10039

BAER, ROBERT LYNN
OPTIMAL CONTROL AND THE MANAGEMENT OF ECOLOGICAL SYSTEMS. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 202p. 32/12-B, p. 6976 BLE72-17323

BAFNA, KAILASH M.
AN ANALYTICAL APPROACH TO DESIGN HIGH-RISE STACKER CRANE WAREHOUSE SYSTEMS. (PH.D. 1972 PURDUE UNIVERSITY) 234p. 33/02-B, p. 726 BLE72-21154

BAGCI, IBRAHIM
CRUDE OIL DISTILLATION SIMULATION BY DIGITAL COMPUTER. (PH.D. 1974 THE UNIVERSITY OF TULSA) 128p. 35/04-B, p. 1633 BLE74-21664

BAGGI, DENIS LOUIS
REALIZATION OF THE UNFIGURED BASS BY DIGITAL COMPUTER. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, BERKELEY) 221p. 35/07-B, p. 3325 BLE75-00246

BAGLEY, JOHN DANIEL
THE BEHAVIOR OF ADAPTIVE SYSTEMS WHICH EMPLOY GENETIC AND CORRELATION ALGORITHMS. (PH.D. 1967 THE UNIVERSITY OF MICHIGAN) 185p. 28/12-B, p. 5106 BLE68-07556

BAILEY, ANDREW DEWEY, JR.
THE PLANNING OF OPERATIONS AND THE ANALYSIS OF ALTERNATIVE INFORMATION SYSTEMS: A DYNAMIC PROGRAMMING APPROACH TO DIFFERENT COSTING METHODS IN ACCOUNTING FOR INVENTORIES. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 199p. 32/11-A, p. 5933 BLE72-15172

BAILEY, JAMES EDWARD
AN ANALYSIS OF THE OPERATING CHARACTERISTICS OF A GENERALIZED TWO PART EXTERNAL SCHEDULING SYSTEM FOR MULTIPROGRAMMED COMPUTERS. (PH.D. 1975 WAYNE STATE UNIVERSITY) 258p. 36/05-B, p. 2406 BLE75-25222

BAILEY, ROBERT ALLEN
OPTIMAL CONTROL OF LINEAR-SYSTEMS WITH INCOMPLETE STATE MEASUREMENT. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 213p. 35/06-B, p. 2773 BLE74-28579

BAILEY, ROBERT DEXTER
STUDENT ATTITUDES TOWARD A COMPUTER PRINTED ACADEMIC INFORMATION AND ADVISEMENT SYSTEM. (PH.D. 1974 OHIO UNIVERSITY) 133p. 35/08-A, p. 5006 BLE75-03543

BAILEY, THEROLD EUGENE
STUDENT ATTITUDES TOWARD A NEW APPLICATION OF INSTRUCTIONAL TELEVISION IN A COMPUTER PROGRAMMING COURSE. (ED.D. 1971 OKLAHOMA STATE UNIVERSITY) 123p. 33/02-A, p. 581 BLE72-21823

BAJAN, ROBERT LASZLO, JR.
THE FREE VIBRATION ANALYSIS OF DISCRETE SYSTEMS BY MODAL SUBSTITUTION. (PH.D. 1969 UNIVERSITY OF COLORADO AT BOULDER) 205p. 30/06-B, p. 2674 BLE69-19520

BAJCSY, RUZENA KUCERA
COMPUTER IDENTIFICATION OF TEXTURED VISUAL SCENES. (PH.D. 1973 STANFORD UNIVERSITY) 165p. 34/06-B, p. 2556 BLE73-30367

BAKER, DANIEL HERBERT
DYNAMIC STABILITY ANALYSIS OF MULTIMACHINE POWER SYSTEMS. (PH.D. 1975 PURDUE UNIVERSITY) 182p. 36/07-B, p. 3515 BLE76-00494

BAKER, EDWARD MARTIN
RATING SCALE SIZE, INFORMATION PROCESSING, AND ACCURACY IN PERFORMANCE EVALUATION. (PH.D. 1972 BOWLING GREEN STATE UNIVERSITY) 86p. 33/07-B, p. 3365 BLE73-01107

BAKER, GEORGE LEWIS
AN INVESTIGATION OF OFFERINGS OF INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS IN THE AREAS OF AUTOMATION AND CYBERNETICS AS COMPARED WITH CURRENT PRACTICES IN INDUSTRY. (ED.D. 1970 UNIVERSITY OF NORTHERN COLORADO) 142p. 31/08-A, p. 3915 BLE71-04151

BAKER, RICHARD ANDREW
STABILITY OF NONLINEAR AND TIME-VARYING CONTROL SYSTEMS. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, BERKELEY) 107p. 28/03-B, p. 896 BLE67-11596

BAKER, SALLY LYNN JOHNSON
A DEVELOPMENTAL STUDY OF VARIABLES AFFECTING THE PROCESSING OF TASK-RELEVANT AND TASK-IRRELEVANT INFORMATION. (PH.D. 1970 THE UNIVERSITY OF MICHIGAN) 77p. 31/12-B, p. 7618 BLE71-15086

BAKER, THEODORE PAUL
COMPUTATIONAL COMPLEXITY AND NONDETERMINISM IN FLOWCHART PROGRAMS. (PH.D. 1974 CORNELL UNIVERSITY) 130p. 35/02-B, p. 776 BLE74-17088

BAKKE, KNUT INGE
ADAPTIVE FEEDBACK IN PATTERN RECOGNITION SYSTEM. (PH.D. 1970 THE PENNSYLVANIA STATE UNIVERSITY) 147p. 32/01-B, p. 284 BLE71-16867

BAKKE, VERNON LEROY
A MAXIMUM PRINCIPLE FOR AN OPTIMAL CONTROL PROBLEM WITH INTEGRAL CONSTRAINTS. (PH.D. 1971 THE UNIVERSITY OF NEW MEXICO) 78p. 32/09-B, p. 5299 BLE72-08350

BALABAN, RICHARD MELVIN
A SYSTEMS VIEW OF A HUMAN SERVICES DELIVERY PROGRAM: AN ANALYSIS OF A COUNSELING PROGRAM FOR INMATES IN A JAIL. (PH.D. 1976 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 142p. 37/05-B, p. 2472 BLE76-26501

BALASTER, AMMON NAZARETH
A TIME-SHARED ANALOG COMPUTER SYSTEM IN HYBRID-CONFIGURATION USING HIGH-SPEED AUTOMATIC PATCHING. (PH.D. 1972 THE PENNSYLVANIA STATE UNIVERSITY) 170p. 34/03-B, p. 1064 BLE73-20064

BALAY, RICHARD HARLAN
'CAIRO': A LANGUAGE FOR COMPUTER-ASSISTED INSTRUCTION. (D.A. 1971 UNIVERSITY OF NORTHERN COLORADO) 203p. 32/07-B, p. 3887 BLE72-03244

BALAZS, GABRIEL GEORGE, JR.
DETERMINATION OF PARTICLE TRAJECTORIES BY MEANS OF A DIGITAL COMPUTER. (PH.D. 1965 THE PENNSYLVANIA STATE UNIVERSITY) 171p. 27/03-B, p. 815 BLE66-08695

BALDWIN, HARMON ARTHUR
THE FEASIBILITY OF A COMPUTER CENTER FOR THE INDIANA PUBLIC SCHOOL STUDY COUNCIL. (ED.D. 1968 INDIANA UNIVERSITY) 167p. 29/06-A, p. 1698 BLE68-17248

BALDWIN, JACK TIMOTHY
UNOBTRUSIVE PROBLEM-SOLVING MONITORS AND THEIR APPLICATION TO COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1976 THE UNIVERSITY OF TEXAS AT AUSTIN) 214p. 37/05-B, p. 2370 BLE76-26590

BALDWIN, JOHN THOMAS
DYNAMIC ANALYSIS AND OPTIMUM CONTROL OF DISTRIBUTED PARAMETER SYSTEMS WITH INTERACTION DUE TO CONVECTIVE FLOW WITH CHEMICAL REACTION. (PH.D. 1968 TEXAS A&M UNIVERSITY) 254p. 29/11-B, p. 4150 BLE69-08492

BALDWIN, LYNNE CAROL JUEDEMAN
A METHOD FOR DESIGNING PROGRAMS AND ITS APPLICATION TO INTRODUCTORY COMPUTER SCIENCE COURSES. (PH.D. 1974 THE UNIVERSITY OF TEXAS AT AUSTIN) 141p. 35/08-B, p. 3866 BLE75-04320

BALDWIN, NONA BURROWS
EFFECTS OF TRAINING IN THE FLANDERS INTERACTION ANALYSIS SYSTEM ON THE COMMUNICATIVE BEHAVIOR OF PRE-SERVICE TEACHERS IN THE EDUCATION OF DEAF CHILDREN. (PH.D. 1974 UNIVERSITY OF PITTSBURGH) 252p. 35/03-A, p. 1538 BLE74-20796

BALKE, WALTER MORLEY
APPLICATION OF JUDGMENT THEORY AND INTERACTIVE COMPUTER GRAPHICS TO UNION-MANAGEMENT CONFLICTS AND NEGOTIATIONS. (D.B.A. 1972 UNIVERSITY OF COLORADO AT BOULDER) 273p. 33/08-A, p. 4559 BLE73-01749

BALL, GEOFFREY HADDON
AN INVARIANT INPUT FOR A PATTERN-RECOGNITION MACHINE. (PH.D. 1962 STANFORD UNIVERSITY) 141p. 23/06, p. 2056 BLE62-05465

BALL, LESLIE DAVID
DEFINING COMPUTER SECURITY NEEDS IN A UNIVERSITY DATA BASE ENVIRONMENT. (PH.D. 1975 UNIVERSITY OF MASSACHUSETTS) 214p. 36/09-A, p. 6182 BLE76-05307

BALL, NORMAN ADDISON
THE OPTIMUM MULTIPROGRAMMING LIMIT IN TIME-SHARED COMPUTER SYSTEMS WITH FINITE MEMORY. (PH.D. 1971 UNIVERSITY OF MARYLAND) 225p. 31/11-B, p. 6557 BLE71-13174

BALL, WILLIAM HENRY WARREN
STUDY OF SAMPLED-DATA FEEDBACK CONTROL SYSTEMS WITH TWO SAMPLING PERIODS, ONE A MULTIPLE OF THE OTHER. (PH.D. 1957 CORNELL UNIVERSITY) 99p. 17/12, p. 2954 BLE00-24061

BALLARD, SUE HALYCON VANCE
A PROCESS MODEL FOR THE ANALYSIS AND REDESIGN OF STATE EDUCATION AGENCY DELIVERY SYSTEMS FOR ESEA TITLE-I. (PH.D. 1973 THE UNIVERSITY OF ALABAMA) 274p. 34/05-A, p. 2187 BLE73-27282

BALLOT, MICHAEL HARVEY
THE TIME-PHASING AND SIZE OF COMPUTER INSTALLATIONS. (PH.D. 1973 STANFORD UNIVERSITY) 259p. 34/06-A, p. 2818 BLE73-30356

BALSIGER, JAMES WALTER
A COMPUTER SIMULATION MODEL FOR THE EASTERN BERING SEA KING CRAB POPULATION. (PH.D. 1974 UNIVERSITY OF WASHINGTON) 211p. 35/07-B, p. 3124 BLE74-29368

BANAS, JAMES FREDERICK
ON THE OPTIMAL CONTROL OF TIME LAG SYSTEMS. (PH.D. 1968 ILLINOIS INSTITUTE OF TECHNOLOGY) 102p. 29/04-B, p. 1352 BLE68-14913

BANDY, HOWARD BLACKBURNE, III
AN APPROACH TO RESOURCE ALLOCATION IN A COMPUTER-COMMUNICATIONS NETWORK. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 83p. 32/12-B, p. 6969 BLE72-18869

BANDYOPADHYAY, JAYANTA K.
SYSTEMS APPROACH TO THE DESIGN OF A PROGRESSIVE PATIENT CARE SYSTEM. (PH.D. 1973 TEXAS TECH UNIVERSITY) 211p. 35/01-B, p. 248 BLE74-15280

BANERJEE, ARUN K.
PLASTIC STRESS WAVES IN PRESTRESSED THIN-WALLED TUBES: NUMERICAL ANALYSIS BY RATE-DEPENDENT THEORIES. (PH.D. 1972 THE UNIVERSITY OF FLORIDA) 144p. 34/06-B, p. 2669 BLE73-29159

BANERJEE, ASHOKE
AUTOMATED OPTIMUM DESIGN OF FLEXIBLE CAM SYSTEMS AT HIGH OPERATING SPEEDS. (PH.D. 1973 CASE WESTERN RESERVE UNIVERSITY) 332p. 34/11-B, p. 5480 BLE74-10770

BANG, SUNG YANG
ANALYSIS, DECOMPOSITION, SYNTHESIS, AND APPLICATIONS OF HIGHER RANK RELATIONS. (PH.D. 1974 THE UNIVERSITY OF TEXAS AT AUSTIN) 124p. 35/08-B, p. 3866 BLE75-04321

BANKER, MARSHALL DAVID
OBSERVABILITY AND CONTROLLABILITY OF TWO PLAYER DISCRETE SYSTEMS, AND QUADRATIC CONTROL AND GAME PROBLEMS. (PH.D. 1971 STANFORD UNIVERSITY) 176p. 32/08-B, p. 4585 BLE72-05884

BANKS, HARVEY THOMAS
OPTIMAL CONTROL PROBLEMS WITH DELAYS. (PH.D. 1967 PURDUE UNIVERSITY) 91p. 28/06-B, p. 2510 BLE67-16613

BANKS, JR., WARREN EUGENE
AN INQUIRY INTO THE GROWTH FACTORS AND FINANCIAL POLICIES OF INTERNATIONAL BUSINESS MACHINES CORPORATION AND INTO THE POSSIBILITY AND THE PROBABILITY OF THE COMPANY'S CONTINUED DOMINANCE OF THE ELECTRONIC DATA PROCESSING INDUSTRY. (PH.D. 1968 UNIVERSITY OF ARKANSAS) 381p. 28/09-A, p. 3338 BLE68-03155

BANKS, NORMAN EARL
APPLICATION OF GREEN'S FUNCTION ANALYSIS TO THE SOLUTION OF THE NEUTRON DIFFUSION EQUATION IN HETEROGENEOUS SYSTEMS. (PH.D. 1968 WEST VIRGINIA UNIVERSITY) 158p. 30/02-B, p. 679 BLE69-13293

BANKS, ROSA MARIA TAYLOR
A STUDY OF THE SUPERVISORY SERVICES PROVIDED BY SOUTHERN STATE DEPARTMENTS OF EDUCATION TO SELECTED HIGH SCHOOL BUSINESS EDUCATION PROGRAMS. (ED.D. 1974 UNIVERSITY OF PITTSBURGH) 260p.
35/08-A, p. 4888 BLE75-04078

BANNETT, ROGER JAY
OPTIMAL CONTROL OF THE F-8C IN A FULLY AUTOMATIC CARRIER APPROACH. (PH.D. 1971 RENSSELAER POLYTECHNIC INSTITUTE) 141p.
32/02-B, p. 928 BLE71-19874

BANTZ, DAVID F.
A GRAPHICS-AIDED PROGRAMMING SYSTEM. (ENG.SC.D. 1970 COLUMBIA UNIVERSITY) 157p.
32/01-B, p. 228 BLE71-17462

BAPAT, AJAY VAMAN
DYNAMICS AND CONTROL OF UNEQUALMOLAL OVERFLOW DISTILLATION SYSTEMS–AN APPROACH OF PSEUDO-EQUALMOLAL OVERFLOW. (PH.D. 1972 POLYTECHNIC INSTITUTE OF NEW YORK) 139p.
33/05-B, p. 2043 BLE72-28208

BARAY, MEHMET BIROL
A LANGUAGE FOR AUTOMATED LOGIC DESIGN. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, BERKELEY) 125p. 31/10-B, p. 5920 BLE71-09760

BARBACCI, MARIO ROBERTO
AUTOMATED EXPLORATION OF THE DESIGN SPACE FOR REGISTER-TRANSFER (RT) SYSTEMS. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 170p.
35/01-B, p. 175 BLE74-14648

BARBER, CARL S.
DRAFTING METHODS AND TECHNIQUES FOR MICROFILM AND COMPUTER SYSTEMS. (ED.D. 1967 BRADLEY UNIVERSITY) 217p.
28/02-A, p. 530 BLE67-09130

BARBER, ELIZABETH JANE WAYLAND
THE COMPUTER-AIDED ANALYSIS OF UNDECIPHERED ANCIENT TEXTS. (PH.D. 1968 YALE UNIVERSITY) 168p. 29/11-A, p. 3991 BLE69-08312

BARCLAY, RALPH GORDON
AN ANALOG COMPUTER STUDY OF VARIOUS DAMPING SCHEMES. (PH.D. 1960 UNIVERSITY OF MARYLAND) 355p. 21/10, p. 3042 BLE61-00678

BARINKA, LAWRENCE LOUIS
A NUMERICAL AND SUBSTRUCTURING ANALYSIS FOR DISCONTINUOUS THIN SHELLS OF REVOLUTION. (PH.D. 1972 UNIVERSITY OF VIRGINIA) 228p.
33/03-B, p. 1139 BLE72-23409

BARKANA, ATALAY
FEATURE-TRACKING IN MAP MAKING UTILIZING COMPUTER CONTROL. (PH.D. 1974 UNIVERSITY OF VIRGINIA) 118p. 34/12-B, p. 5992 BLE74-12680

BARKER, LARRY KEITH
STABILITY AND RELATIVE STABILITY OF LINEAR SYSTEMS WITH MANY CONSTANT TIME DELAYS. (SC.D. 1976 THE GEORGE WASHINGTON UNIVERSITY) 108p. 37/05-B, p. 2290 BLE76-23964

BARKER, RICHARD MORELL
FOLDED PLATE ANALYSIS USING A DIGITAL COMPUTER AND EXPERIMENTAL MODEL STUDIES. (PH.D. 1962 UNIVERSITY OF MINNESOTA) 136p.
23/08, p. 2833 BLE63-01191

BARNEA, DANIEL IZHAK
ON THE STABILITY AND CONTROL OF PROCESSES DESCRIBED BY STOCHASTIC FUNCTIONAL DIFFERENTIAL EQUATIONS. (PH.D. 1969 BROWN UNIVERSITY) 151p. 31/01-B, p. 167 BLE70-08668

BARNES, BENNY BLAIR
TRAJECTORY REVERSAL FOR DETERMINATION OF STABILITY BOUNDARIES OF CLOSED-LOOP CONTROL SYSTEMS. (PH.D. 1965 AUBURN UNIVERSITY) 106p.
26/09, p. 5331 BLE66-13897

BARNES, CHRISTOPHER WARREN
THE COMPUTER SIMULATION OF A SPHERICALLY SYMMETRIC PLASMA. (PH.D. 1970 STANFORD UNIVERSITY) 148p. 31/05-B, p. 2911 BLE70-22149

BARNES, EARL RUSSELL
THE OPTIMAL CONTROL OF SYSTEMS WITH DISTRIBUTED PARAMETERS. (PH.D. 1968 UNIVERSITY OF MARYLAND) 132p.
29/12-B, p. 4737 BLE69-09597

BARNES, MARVIN PETERSON
PORPHYRY COPPER DEPOSITS–A COMPUTER ANALYSIS OF SIGNIFICANCE OF GEOLOGICAL PARAMETERS. (PH.D. 1970 UNIVERSITY OF UTAH) 210p. 31/05-B, p. 2762 BLE70-23241

BARNES, OSPY DENNIS
THE EFFECT OF LEARNER CONTROLLED COMPUTER ASSISTED INSTRUCTION ON PERFORMANCE IN MULTIPLICATION SKILLS. (PH.D. 1970 UNIVERSITY OF SOUTHERN CALIFORNIA) 95p.
31/09-A, p. 4538 BLE71-07702

BARNES, PATSY HARRIS
A STUDY OF PERSONALITY CHARACTERISTICS OF SELECTED COMPUTER PROGRAMMERS AND COMPUTER PROGRAMMER TRAINEES. (ED.D. 1974 AUBURN UNIVERSITY) 126p.
35/03-A, p. 1440 BLE74-20785

BARNETT, WILLIAM JACKSON
THE DEVELOPMENT OF AN AUTOMATIC EEG ANALYSIS SYSTEM UTILIZING AN INTERACTIVE FEATURE EXTRACTION PROGRAM BASED ON MODIFIED HAAR COEFFICIENTS. (PH.D. 1972 CLEMSON UNIVERSITY) 179p.
33/11-B, p. 5259 BLE73-11001

BARNETTE, NEWTON HALL
DIGITAL ANALYSIS OF ELECTRICAL POWER SYSTEM TRANSIENTS. (PH.D. 1958 CORNELL UNIVERSITY) 311p. 19/09, p. 2306 BLE59-00115

BARON, ROBERT
AN INVESTIGATION OF THE BASIC VARIABLES OF INTERACTIVE COMPUTER-TERMINAL DESIGN. (PH.D. 1974 UNIVERSITY OF MASSACHUSETTS) 117p.
35/09-B, p. 4469 BLE75-05989

BARRETT, JOHN FRANCIS
AN INTERACTIVE SIMULATION DEMONSTRATING MODELS OF SELECTED COMPUTER-ASSISTED COUNSELING SYSTEMS. (PH.D. 1972 UNIVERSITY OF OREGON) 201p. 33/12-A, p. 6660 BLE73-13723

BARRETT, RICHARD FOX
DEVELOPMENT OF THE MULTIPLEXED GRADIENT TECHNIQUE WITH APPLICATIONS TO THE EXTREMUM CONTROL OF MULTISTAGE CHEMICAL REACTORS. (PH.D. 1971 GEORGIA INSTITUTE OF TECHNOLOGY) 250p.
32/05-B, p. 2695 BLE71-28088

BARRON, EMMANUEL NICHOLAS
DIFFERENTIAL GAMES WITH LIPSCHITZ CONTROL-FUNCTIONS AND APPLICATIONS TO GAMES WITH PARTIAL DIFFERENTIAL EQUATIONS. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 85p.
35/06-B, p. 2875 BLE74-28580

BARRON, JAMES WILLIAM, III
THE COST OF INFORMATION PROCESSING IN DECISIONS UNDER RISK. (PH.D. 1971 PURDUE UNIVERSITY) 192p. 32/06-B, p. 3657 BLE72-01812

BARRON, MARK BROWN
COMPUTER AIDED ANALYSIS OF INSULATED GATE FIELD-EFFECT TRANSISTORS. (PH.D. 1970 STANFORD UNIVERSITY) 200p. 31/04-B, p. 1953 BLE70-18375

BARRON, RODERICK WAYNE
TRANSFER OF INFORMATION PROCESSING STRATEGIES IN A CHOICE REACTION TIME TASK. (PH.D. 1970 THE OHIO STATE UNIVERSITY) 108p.
32/03-B, p. 1867 BLE71-22446

BARROS, OSCAR HERIBERTO
PRIORITY QUEUES: ANALYSIS, OPTIMIZATION AND BEHAVIOR OF MEAN WAITING TIME IN SINGLE-SERVER SYSTEMS. (PH.D. 1967 THE UNIVERSITY OF WISCONSIN - MADISON) 159p.
28/08-B, p. 3293 BLE67-12106

BARRY, PATRICK EDWARD
OPTIMAL CONTROL WITH MINIMAX COST. (PH.D. 1970 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 128p. 31/03-B, p. 1264 BLE70-15302

BARRY, VINCENT DEAN
A MODEL OF DATA GATHERING AND ANALYSIS FOR THE INTRODUCTION OF ELECTRONIC DATA-PROCESSING INTO A SCHOOL DISTRICT. (ED.D. 1971 UNIVERSITY OF MONTANA)
32/06-A, p. 2933 BLE71-31118

BAR-SHALOM, YAAKOV
IDENTIFICATION AND ESTIMATION IN LINEAR DISCRETE-TIME SYSTEMS WITH UNKNOWN PARAMETERS. (PH.D. 1970 PRINCETON UNIVERSITY) 128p. 31/06-B, p. 3385 BLE70-23599

BARTFELD, CHARLES IZCHAK
SYSTEMS CONTROL IN ORGANIZATIONS BY ANALOG MODEL (AN ASPECT OF MANAGEMENT INFORMATION SYSTEM ANALYSIS). (PH.D. 1969 COLUMBIA UNIVERSITY) 271p.
33/01-A, p. 8 BLE72-19045

BARTH, DONALD EUGENE
PART I: NMR SPECTA OF CYCLOPROPANES AND CYCLOBUTANES. PART II: COMPUTER GRAPHIC ROUTINES. (PH.D. 1969 YALE UNIVERSITY) 767p.
31/03-B, p. 1145 BLE70-15673

BARTHOLOMEW, DAVID K.
AN ANALYSIS OF CHANGE IN THE POWER SYSTEM AND DECISION-MAKING PROCESS IN A SELECTED COUNTY. (ED.D. 1971 THE UNIVERSITY OF FLORIDA) 159p. 32/11-A, p. 6024 BLE72-15656

BARTLEY, JOHN WAYNE
THE OPTIMAL CONTROL OF CONTINUOUS-TIME, CONTINOUS-STATE, NONLINEAR STOCHASTIC SYSTEMS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, IRVINE) 195p. 32/11-B, p. 6395 BLE72-14648

BARTON, DAVID GEORGE
PHYSICAL DISTRIBUTION SYSTEM DESIGN: AN APPLICATION OF MIXED INTEGER PROGRAMMING TO MEAT DISTRIBUTION. (PH.D. 1974 PURDUE UNIVERSITY) 318p. 36/02-A, p. 997 BLE75-17154

BARTRAM, PETER NEVIUS
DEVELOPMENT OF A DUAL-COMPUTER SYSTEM EXECUTIVE AND APPLICATION OF THE SYSTEM TO ANALYSIS OF EXTRUDED PLASTIC SHEET. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 275p.
35/02-B, p. 796 BLE74-17749

BARWICK, ALLEN JOSEPH
THE USE OF MATHEMATICAL PROGRAMMING FOR IMPROVING RESOURCE ALLOCATION IN HIGHER EDUCATIONAL SYSTEMS. (PH.D. 1975 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 210p.
36/09-A, p. 5661 BLE76-00689

BASAR, MUSTAFA TAMER
ON A CLASS OF MINIMAX STATE ESTIMATORS FOR LINEAR SYSTEMS WITH UNKNOWN FORCING FUNCTIONS. (PH.D. 1972 YALE UNIVERSITY) 214p.
33/05-B, p. 2066 BLE72-28939

BASHEIN, GERARD
MATHEMATICAL PROGRAMMING SOLUTION OF OPTIMAL CONTROLS. (PH.D. 1969 CARNEGIE-MELLON UNIVERSITY) 142p. 30/05-B, p. 2164 BLE69-17502

BASIL, GABRIEL JAMES
THE EFFECTS OF WRITING COMPUTER PROGRAMS ON ACHIEVEMENT AND ATTITUDE IN ELEMENTARY CALCULUS. (ED.D. 1974 UNIVERSITY OF PITTSBURGH) 165p.
35/04-A, p. 2114 BLE74-21878

BASKETT, FOREST, III
MATHEMATICAL MODELS OF MULTIPROGRAMMED COMPUTER SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 83p.
32/07-B, p. 3887 BLE72-02302

BASS, CHARLIE CARROL
DESIGN AND IMPLEMENTATION OF UHTSS–THE UNIVERSITY OF HAWAII TIME-SHARING SYSTEM. (PH.D. 1972 UNIVERSITY OF HAWAII) 174p.
33/09-B, p. 4229 BLE73-05270

BASS, RONALD EARL
A COMPARISON OF TWO TEACHING STRATEGIES FOR ORTHOGRAPHIC PROJECTION IN ENGINEERING GRAPHICS: COMPUTER-PRESCRIBED SELF-PACED INSTRUCTION VERSUS THE TRADITIONAL APPROACH. (ED.D. 1971 EAST TEXAS STATE UNIVERSITY) 171p. 32/09-A, p. 5004 BLE72-10789

BATCHELDER, MICHAEL JACK
DESIGN AND IMPLEMENTATION OF A HYBRID COMPUTER PROGRAMMING LANGUAGE. (PH.D. 1975 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 389p. 35/08-B, p. 3906 BLE75-03462

BATES, BARRY THOMAS
THE DEVELOPMENT OF A COMPUTER PROGRAM WITH APPLICATION TO A FILM ANALYSIS: THE MECHANICS OF FEMALE RUNNERS. (PH.D. 1973 INDIANA UNIVERSITY) 202p.
34/09-A, p. 5682 BLE74-04658

BATES, CLAYTON WILSON, JR.
NONLINEAR RESONANCE EFFECTS IN MULTILEVEL SYSTEMS. (PH.D. 1966 WASHINGTON UNIVERSITY) 79p. 27/06-B, p. 2073 BLE66-11864

BATES, DAVID JOHN
STUDIES ON ASPECTS OF ENZYMATIC MECHANISMS: DEVELOPMENT OF COMPUTER SIMULATION PROGRAMS AND INVESTIGATION OF SOME OF THE PROPERTIES OF GLUTAMATE-DEHYDROGENASE. (PH.D. 1972 WASHINGTON UNIVERSITY) 192p.
34/01-B, p. 49 BLE73-13698

BATRA, JAWAHAR LAL
COMPUTER-AIDED PLANNING OF OPTIMAL MACHINING OPERATIONS FOR MULTIPLE-TOOL SETUPS WITH PROBABILISTIC TOOL LIFE. (PH.D. 1972 PURDUE UNIVERSITY) 270p.
33/02-B, p. 727 BLE72-21157

BAULDREE, AARON NETHANEEL
INDIVIDUAL AND GROUP DIFFERENCES IN LEARNING UNDER TWO DIFFERENT MODES OF COMPUTER ASSISTED INSTRUCTION. (ED.D. 1968 THE FLORIDA STATE UNIVERSITY) 80p.
29/05-A, p. 1443 BLE68-16353

BAUM, ELEANOR KUSHEL
OPTIMAL CONTROL OF LONG RUNNING STOCHASTIC SYSTEMS. (PH.D. 1964 POLYTECHNIC INSTITUTE OF NEW YORK) 60p. 25/05, p. 2904 BLE64-10710

BAUM, RICHARD FREDERICK
OPTIMAL CONTROL SYSTEMS WITH STOCHASTIC BOUNDARY CONDITIONS. (ED.D. 1969 THE UNIVERSITY OF MICHIGAN) 252p.
30/05-B, p. 2282 BLE69-17964

BAUM, RICHARD IRWIN
THE ARCHITECTURAL DESIGN OF A SECURE DATA BASE MANAGEMENT SYSTEM. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 293p.
36/11-B, p. 5682 BLE76-09932

BAUMGART, BRUCE GUENTHER
GEOMETRIC MODELING FOR COMPUTER VISION. (PH.D. 1974 STANFORD UNIVERSITY) 145p.
35/09-B, p. 4415 BLE75-06806

BAUMGARTNER, STEPHEN LYSLE
NONLINEAR SYSTEM IDENTIFICATION FROM FREQUENCY RESPONSE DATA. (PH.D. 1975 THE JOHNS HOPKINS UNIVERSITY) 145p.
36/07-B, p. 3561 BLE76-01561

BAXTER, ANTHONY QUENTIN
INPUT/OUTPUT BEHAVIOR OF COMPUTER SYSTEMS. (PH.D. 1974 UNIVERSITY OF VIRGINIA) 203p.
34/12-B, p. 5940 BLE74-12673

BAXTER, CLIFTON ARTHUR
THE EFFECTS OF COMPUTER-AUGMENTED INSTRUCTION ON ACHIEVEMENT IN THE COLLEGIATE PRINCIPLES OF ACCOUNTING COURSE. (ED.D. 1974 UNIVERSITY OF GEORGIA) 129p.
35/08-A, p. 4752 BLE75-02555

BAXTER, GENE KENNETH
THE NONLINEAR RESPONSE OF MECHANICAL SYSTEMS TO PARAMETRIC RANDOM EXCITATION. (PH.D. 1971 SYRACUSE UNIVERSITY) 203p.
32/08-B, p. 4617 BLE72-06551

BAYAZITOGLU, YILDIRIM OMER
METHODS FOR AUTOMATED ANALYSIS OF THREE-DIMENSIONAL DYNAMIC MECHANICAL SYSTEMS WITH APPLICATION TO NONLINEAR VEHICLE DYNAMICS. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 154p. 33/09-B, p. 4289 BLE73-06785

BAYCURA, ORESTES METHODIUS
TIME DOMAIN DESIGN OF DELAY LINE COMPENSATORS FOR LINEAR AND NONLINEAR SYSTEMS. (DR.SCI.ENG 1964 UNIVERSITY OF PITTSBURGH) 135p. 26/09, p. 5331 BLE65-05226

BAYLESS, JON WILLIAM
A DISTRIBUTIONAL APPROACH TO THE TIME DOMAN ANALYSIS OF LINEAR SYSTEMS. (PH.D. 1967 ARIZONA STATE UNIVERSITY) 98p.
28/04-B, p. 1497 BLE67-12836

BEACH, BETTY LAURA
A CONCEPTUAL FRAMEWORK AND DECISION MODEL FOR APPLICATION OF VALUE ANALYSIS OF ENTREES IN A FOOD PRODUCTION SYSTEM. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 171p.
35/09-B, p. 4510 BLE74-26479

BEAKLEY, GUY WARD
APPLICATION OF DISTRIBUTION-FREE TOLERANCE REGIONS TO PATTERN RECOGNITION . (PH.D. 1970 YALE UNIVERSITY) 245p.
31/06-B, p. 3385 BLE70-25235

BEAN, WENDELL CLEBERN
EQUILIBRIUM STABILITY OF TIME-VARYING SYSTEMS. (PH.D. 1961 UNIVERSITY OF PITTSBURGH) 267p. 23/03, p. 969 BLE62-03383

BEARD, JOHN NELSON, JR.
THE MODELING AND TIME-OPTIMAL CONTROL OF CHEMICAL PROCESSES. (PH.D. 1971 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 293p.
33/02-B, p. 693 BLE72-17826

BEARNSON, LEROY WOOD
DESIGN OF MINIMUM FAULT TEST SCHEDULES AND TESTABLE REALIZATIONS FOR COMBINATIONAL LOGIC CIRCUITS. (PH.D. 1970 AUBURN UNIVERSITY) 149p. 31/06-B, p. 3386 BLE70-22627

BEAUREGARD, RAYMOND JOHN
CONSTRUCTION AND VALIDATION OF A SCALE TO MEASURE THE ATTITUDES OF TEACHERS TOWARD COMPUTERS. (ED.D. 1975 WEST VIRGINIA UNIVERSITY) 199p. 36/11-A, p. 7060 BLE76-11746

BECK, LELAND LESTER
AUTOMATIC DESIGN OF STRUCTURED DATA PROCESSING SYSTEMS. (PH.D. 1975 SOUTHERN METHODIST UNIVERSITY) 197p.
36/11-B, p. 5683 BLE76-11620

BECKER, JOSEPH DERMANSLY
AN INFORMATION-PROCESSING MODEL OF INTERMEDIATE-LEVEL COGNITION. (PH.D. 1972 STANFORD UNIVERSITY) 233p.
33/01-B, p. 416 BLE72-20692

BECKER, SHELDON IRA
TAXL–A SIMPLE HIERARCHICAL DATA STRUCTURE MANIPULATION SYSTEM. (PH.D. 1970 STANFORD UNIVERSITY) 124p. 31/08-B, p. 4628 BLE71-02734

BECKER, SHELDON T.
OPTIMAL DISCRETE CONTROL OF TIME LAG SYSTEMS. (PH.D. 1967 ILLINOIS INSTITUTE OF TECHNOLOGY) 113p.
28/04-B, p. 1498 BLE67-12568

BECKETT, JON TERRY
A COMPUTER-AIDED CONTROL TECHNIQUE FOR A REMOTE MANIPULATOR. (PH.D. 1967 CASE WESTERN RESERVE UNIVERSITY) 146p.
28/06-B, p. 2386 BLE67-16059

BECKSTROM, RONALD S.
A PLAN FOR ORGANIZATION OF ELECTRONIC DATA PROCESSING IN A SCHOOL DISTRICT. (ED.D. 1967 UNIVERSITY OF UTAH) 122p.
28/08-A, p. 2930 BLE67-17656

BEDNAR, GREGORY MARTIN
AN ASYNCHRONOUS CIRCUIT DESIGN LANGUAGE SYSTEM. (PH.D. 1972 UNIVERSITY OF MISSOURI - ROLLA) 157p. 34/08-B, p. 3782 BLE74-04337

BEDNAR, RICHARD ALLEN
TIME-OPTIMAL CONTROL OF MULTIPLE INPUT LINEAR SAMPLED-DATA SYSTEMS. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 225p.
32/09-B, p. 5178 BLE72-08631

BEEK, BRUNO
ANALYSIS OF RECEPTIVE FIELDS OF VERTEBRATE RETINA BY COMPUTER SIMULATION. (PH.D. 1970 SYRACUSE UNIVERSITY) 187p.
31/06-B, p. 3601 BLE70-24063

BEHRENS, EDWARD MARVIN
THE USE OF THE COMPUTER AVERAGED VISUAL EVOKED RESPONSE AS A TECHNIQUE FOR ASSESSING CEREBRAL DEATH. (PH.D. 1973 UNIVERSITY OF UTAH) 144p.
34/07-A, p. 3979 BLE74-00185

BEIGHTLER, CHARLES SPRAGUE
SYSTEMS OF INTERRELATED QUALITY CONTROL STATIONS STRUCTURED AS MULTI-STAGE DECISION PROCESSES. (PH.D. 1961 NORTHWESTERN UNIVERSITY) 64p. 22/08, p. 2726 BLE61-05293

BEINHOCKER, GILBERT DAVID
DESIGN OF AN OSCILLOSCOPE PLUG-IN SPECIAL PURPOSE DIGITAL COMPUTER FOR AVERAGING TRANSIENT DATA. (D.ENG. 1968 UNIVERSITY OF DETROIT) 295p. 29/04-B, p. 1352 BLE68-14804

BELEUTZ, JOHN ALEXANDER
COGNITIVE STYLE AS AN INDICATOR OF POSSIBLE SUCCESS IN MASTERING COMPUTER PROGRAMMING. (ED.D. 1975 WAYNE STATE UNIVERSITY) 154p. 36/11-A, p. 7318 BLE76-10916

BELFORD, GENEVA GROSZ
COMPUTER LOGIC PROGRAMS. (PH.D. 1960 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 79p. 21/05, p. 1200 BLE60-03879

BELIVEAU, JEAN-GUY LIONEL
SUSPENSION BRIDGE AEROELASTICITY NONLINEAR LEAST-SQUARES TECHNIQUES FOR SYSTEM IDENTIFICATION. (PH.D. 1974 PRINCETON UNIVERSITY) 340p. 35/02-B, p. 862 BLE74-17436

BELL, FREDERICK HAROLD
A STUDY OF THE EFFECTIVENESS OF A COMPUTER-ORIENTED APPROACH TO CALCULUS. (PH.D. 1970 CORNELL UNIVERSITY) 240p.
31/03-A, p. 1096 BLE70-14372

BELL, JAMES RICHARD
THE DESIGN OF A MINIMAL EXPANDABLE COMPUTER LANGUAGE. (PH.D. 1969 STANFORD UNIVERSITY) 223p. 30/03-B, p. 1231 BLE69-13927

BELL, JOHN CHARLES
COMPUTER BASED MANAGEMENT INFORMATION SYSTEMS IN MEDIUM SIZE PUBLIC SCHOOL DISTRICTS. (ED.D. 1975 NEW MEXICO STATE UNIVERSITY) 237p. 36/11-A, p. 7072 BLE76-11170

BELL, STEPHEN SCOTT
NEW PROPERTIES AND DESIGN CRITERIA FOR LINEAR SYSTEMS HAVING TIME- VARYING PARAMETERS. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 207p.
31/02-B, p. 676 BLE70-03476

BELLAMY, JOHN CARY, II
COMPUTER RECOGNITION OF DIGITIZED IMAGE PATTERNS. (PH.D. 1971 THE UNIVERSITY OF ARIZONA) 112p. 32/05-B, p. 2648 BLE71-29506

BELLASCHI, JULIUS JOSEPH
THE DESIGN AND SIMULATION OF SELECTED ASPECTS OF AN ADAPTIVE PLANNING AND CONTROL SYSTEM INCORPORATING MANAGERIAL DECISION RULES. (PH.D. 1972 THE AMERICAN UNIVERSITY) 222p. 33/08-A, p. 3652 BLE73-04655

BELLE ISLE, ALBERT PIERRE
STOCHASTIC FUNCTIONAL DIFFERENTIAL EQUATIONS: FOUNDATIONS, STABILITY THEORY, AND APPLICATION TO CONTROL SYSTEMS. (PH.D. 1971 POLYTECHNIC INSTITUTE OF NEW YORK) 185p. 32/05-B, p. 2696 BLE71-29030

BELLEZZA, FRANCIS SAMUEL
COMPUTER SIMULATION OF OPERANT LEARNING UNDER INTERVAL, RATIO, AND RESPONSE RATE SCHEDULES OF REINFORCEMENT. (PH.D. 1970 UNIVERSITY OF MINNESOTA) 262p.
32/01-B, p. 577 BLE71-18682

BELT, JOHN EDWARD
AN HEURISTIC SEARCH APPROACH TO TEST SEQUENCE GENERATION FOR AHPL (A HARDWARE PROGRAMMING LANGUAGE) DESCRIBED SYNCHRONOUS SEQUENTIAL CIRCUITS, . (PH.D. 1973 THE UNIVERSITY OF ARIZONA) 208p.
34/03-B, p. 1102 BLE73-20626

BELYTSCHKO, TED B.
NUMERICAL METHODS FOR THE LIMIT ANALYSIS OF PLATES. (PH.D. 1969 ILLINOIS INSTITUTE OF TECHNOLOGY) 188p.
30/02-B, p. 683 BLE69-12861

BEN DAVID, ABRAHAM SHALOM
A QUESTION-ANSWERING SYSTEM (QUANSY) FOR INFORMATION RETRIEVAL. (PH.D. 1976 LEHIGH UNIVERSITY) 165p. 37/04-A, p. 1850 BLE76-21803

BENDER, FILMORE EDMUND
AN ANALYSIS OF A FIRM AND INDUSTRY FACING A SEASONAL DEMAND: A COMPUTER SIMULATION OF THE BROILER INDUSTRY. (PH.D. 1966 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 292p.
27/11-A, p. 3570 BLE67-05673

BENGTSON, ALVIN HERBERT
ACHIEVING FAULT TOLERANCE THROUGH INHERENT REDUNDANCY TECHNIQUES IN SMALL MICROPROGRAMMED COMPUTERS. (PH.D. 1972 PURDUE UNIVERSITY) 229p.
33/09-B, p. 4273 BLE73-06987

BENIGNUS, VERNON A.
A HYBRID SYSTEM FOR COMPUTER ANALYSIS OF EEG DATA. (PH.D. 1967 UNIVERSITY OF HOUSTON) 256p. 28/11-B, p. 4741 BLE68-06873

BEN-ISRAEL, ADI
ON SOME PROBLEMS OF MATHEMATICAL PROGRAMMING. (PH.D. 1962 NORTHWESTERN UNIVERSITY) 196p. 23/09, p. 3393 BLE63-01286

BENJAUTHRIT, BOONSIENG
DESIGN AND DIAGNOSIS OF GALOIS LOGIC NETWORKS. (PH.D. 1974 UNIVERSITY OF SOUTHERN CALIFORNIA) 216p.
35/05-B, p. 2136 BLE74-26013

BENNET, PATRICIA LYNNE
A COMPARISON OF PROGRAMS AND PROGRAMMING TIMES BETWEEN SECONDARY STUDENTS EMPLOYING TIME-SHARING AND BATCH PROCESSING COMPUTERS FOR PROBLEM-SOLVING. (ED.D. 1974 COLUMBIA UNIVERSITY TEACHERS COLLEGE) 85p. 35/09-A, p. 5949 BLE75-06458

BENNETT, ARCHIE WAYNE
DISCRETE SYSTEM SENSITIVITY AND VARIABLE INCREMENT OPTIMAL SAMPLING. (PH.D. 1966 THE UNIVERSITY OF FLORIDA) 126p.
28/04-B, p. 1498 BLE67-12912

BENNETT, RICHARD EARL
AN INFORMATION SYSTEM FOR ECONOMIC ANALYSIS. (PH.D. 1970 THE OHIO STATE UNIVERSITY) 171p. 31/09-A, p. 4342 BLE71-07395

BENNINGFIELD, LLOYD MONROE
A STUDY OF LEARNING CONTROL SYSTEMS USING FAST-TIME ABSORBING MARKOV CHAIN MODELS. (PH.D. 1965 PURDUE UNIVERSITY) 156p.
27/01-B, p. 170 BLE66-05239

BENSON, KARL THEODORE
A MODULAR PROCESSOR FOR GENERALIZED MULTISTAGE OPTIMIZATION. (PH.D. 1971 TEXAS A&M UNIVERSITY) 277p.
32/10-B, p. 5813 BLE72-13198

BENSON, ROBERT GEORGE
AN ANALYSIS OF THE ROLE OF THE OFFICE MANAGER IN SELECTED MINNESOTA FIRMS WHICH UTILIZE ELECTRONIC DATA PROCESSING SYSTEMS. (PH.D. 1966 THE UNIVERSITY OF IOWA) 276p.
27/09-A, p. 2682 BLE67-02595

BENSON, VEREL WILLARD
INTERREGIONAL COMPETITION IN THE BROILER INDUSTRY: A COMPUTER SIMULATION MODEL. (PH.D. 1969 UNIVERSITY OF MARYLAND) 313p.
31/01-A, p. 25 BLE70-12915

BENT, ALAN EDWARD
URBAN SYSTEMS MANAGEMENT: A SYSTEMS ANALYSIS OF THE ADAPTIVENESS OF AMERICAN GOVERNMENTAL INSTITUTIONS TO URBAN PROCESSES OF CHANGE. (PH.D. 1971 CLAREMONT GRADUATE SCHOOL) 253p.
32/05-A, p. 2776 BLE71-29626

BERDINE, WILLIAM HARRY
A COMPARISON OF THE UNIVERSITY OF TEXAS INFORMATION RETRIEVAL PROGRAM AND THE SELECTED PRESCRIPTIVE MATERIALS RETRIEVAL SYSTEM. (D.ED. 1972 THE PENNSYLVANIA STATE UNIVERSITY) 164p. 34/03-B, p. 1174 BLE73-21258

BERES, DENNIS PAUL
VIBRATION ANALYSIS OF SKEWED CANTILEVER SYSTEMS–HELICOIDAL SHELLS AND PLATES. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 96p.
35/11-B, p. 5463 BLE75-11313

BERGAMINI, EDUARDO WHITAKER
A CLASS OF BACKWARD-DIFFERENCE DIGITAL DIFFERENTIAL ANALYZERS FOR INCREMENTAL COMPUTER REALIZATIONS. (PH.D. 1973 STANFORD UNIVERSITY) 184p. 34/06-B, p. 2613 BLE73-30367

BERGER, DALE EDMUND
DIRECT MEASURS OF INFORMATION PROCESSING IN CONCEPT IDENTIFICATION. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 130p.
31/04-B, p. 2297 BLE70-19828

BERGER, ROGER LEE
A DIGITAL COMPUTER METHOD OF ADAPTIVE CONTROL. (SC.D. 1962 WASHINGTON UNIVERSITY) 114p. 22/12, p. 4359 BLE62-02441

BERGERON, RICHARD DANIEL
THE SYSTEM FOR SYSTEMS DEVELOPMENT. (PH.D. 1973 BROWN UNIVERSITY) 214p.
35/11-B, p. 5683 BLE75-12472

BERGHOLM, JOSEPH OVAR
OPTIMUM DESIGN AND SYNTHESIS USING MATHEMATICAL PROGRAMMING. (PH.D. 1966 UNIVERSITY OF PENNSYLVANIA) 186p.
28/01-B, p. 174 BLE67-07819

BERGMAN, NORMAN JOSEPH
OPTIMUM DESIGN OF DISCRETE DATA CONTROL SYSTEMS HAVING PRESPECIFIED DYNAMICS. (PH.D. 1968 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 162p. 29/06-B, p. 2036 BLE68-17307

BERGSTROM, PETER DEREK
CONTROL OF SYSTEMS IN THE PRESENCE OF UNKNOWN BUT BOUNDED DISTURBANCES. (PH.D. 1973 GEORGIA INSTITUTE OF TECHNOLOGY) 97p.
34/06-B, p. 2613 BLE73-29016

BERK, TOBY STEVEN
THE DESIGN AND IMPLEMENTATION OF TUNA: A HIGH-LEVEL GRAPHICAL PROGRAMMING LANGUAGE. (PH.D. 1972 PURDUE UNIVERSITY) 198p.
33/09-B, p. 4229 BLE73-05990

BERKEY, DENNIS DALE
DIAGONALLY-DOMINANT LINEAR-SYSTEMS (DIFFERENTIAL AND DIFFERENCE SYSTEMS). (PH.D. 1974 UNIVERSITY OF CINCINNATI) 121p.
35/06-B, p. 2875 BLE74-26366

BERKOVEC, JAMES WESLEY
TIME-OPTIMAL CONTROL WITH ADAPTIVE NETWORKS. (PH.D. 1964 THE UNIVERSITY OF IOWA) 85p. 25/04, p. 2412 BLE64-10976

BERKOWITZ, RAYMOND S.
CERTAIN EQUIVOCATION CRITERIA IN THE OPTIMUM DESIGN OF LINEAR COMMUNICATION SYSTEMS. (PH.D. 1951 UNIVERSITY OF PENNSYLVANIA) 95p.
13/01, p. 77 BLE00-04622

BERLIN, GRAYDON LENNIS
WAVEFORM AND COMPUTER ANALYSIS OF GEOGRAPHIC PATTERNS RECORDED ON COLOR AND COLOR INFRARED PHOTOGRAPHY FROM AERIAL AND ORBITAL ALTITUDES. (PH.D. 1970 THE UNIVERSITY OF TENNESSEE) 166p.
31/05-B, p. 2754 BLE70-20295

BERMAN, DINA
SAMUIL MARSAK'S VERSES FOR CHILDREN: A COMPUTER- AIDED ANALYSIS. (PH.D. 1966 UNIVERSITY OF PENNSYLVANIA) 276p.
28/01-A, p. 222 BLE67-07821

BERMAN, RAY RAPHAEL
RESTRICTED BASIS ENTRY METHOD FOR INTEGER PROGRAMMING. (D.B.A. 1972 UNIVERSITY OF COLORADO AT BOULDER) 81p.
33/04-B, p. 1496 BLE72-25138

BERMAN, RICHARD ILES
CYBERNETICS AND SOCIAL CASEWORK: A CONCEPTUAL ANALYSIS OF THE APPLICATION OF A CYBERNETIC PERSPECTIVE TO A PHASE MODEL OF SOCIAL CASEWORK. (D.S.W. 1974 UNIVERSITY OF DENVER) 158p. 35/07-A, p. 4690 BLE75-01323

BERMAN, WILLIAM JOSEPH
AUTOMATIC GENERATION OF DATABASE DEFINITIONS FOR AN INFORMATION RETRIEVAL SYSTEM. (PH.D. 1976 STANFORD UNIVERSITY) 136p.
36/12-B, p. 6268 BLE76-12979

BERNARD, PROSPER M.
USE OF COMPUTER SIMULATION TO TEST THE VALIDITY AND THE SENSITIVITY OF REAL-TIME AND TIME-SHARING QUEUING MODELS. (PH.D. 1973 CITY UNIVERSITY OF NEW YORK) 347p.
34/03-A, p. 937 BLE73-21283

BERNARD, WILLIAM
THE IRREVERSIBLE THERMODYNAMICS OF NONLINEAR PROCESSES AND NOISE IN DRIVEN SYSTEMS. (PH.D. 1959 UNIVERSITY OF PENNSYLVANIA) 146p.
20/05, p. 1831 BLE59-04595

BERNARDINI, DORIS D. FOSTER DE
A DESCRIPTIVE STUDY OF TEACHER-STUDENT VERBAL BEHAVIOR IN SELECTED COMPUTER PROGRAMMING LANGUAGE CLASSROOMS IN AN ADULT EDUCATION ENVIRONMENT. (ED.D. 1974 COLUMBIA UNIVERSITY TEACHERS COLLEGE) 141p.
35/10-A, p. 6566 BLE75-07831

BERNINGER, DOUGLAS EDWARD
STRATEGIC PLANNING AND DECISION-MAKING IN A FEDERALLY FUNDED SCIENCE INFORMATION PROGRAM. (PH.D. 1975 THE AMERICAN UNIVERSITY) 351p. 36/05-A, p. 3112 BLE75-19656

BERNSTEIN, NOEL
AN INTERACTIVE GENERAL PURPOSE COMPUTER ANIMATED TWO-DIMENSIONAL MOVIE SYSTEM WITH REAL-TIME VIEWING CAPABILITIES, IMPLEMENTED ON A SMALL MACHINE. (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 296p.
31/10-B, p. 5921 BLE71-07781

BERRIAN, DONALD WAYNE
COMPUTER CONTROL FOR A SCANNING ELECTRON MICROSCOPE. (PH.D. 1974 PRINCETON UNIVERSITY) 265p. 36/03-B, p. 1352 BLE75-20613

BERRY, DANIEL MARTIN
ON THE DESIGN AND SPECIFICATION OF THE PROGRAMMING LANGUAGE OREGANO. (PH.D. 1974 BROWN UNIVERSITY) 707p.
35/12-B, p. 5844 BLE75-09126

BERRY, JAMES MARLIN
THE UTILIZATION OF ELECTRONIC DATA PROCESSING AND ITS ECONOMIC EFFECT ON SELECTED SMALL GRAY IRON FOUNDRIES IN IOWA. (PH.D. 1970 THE UNIVERSITY OF IOWA) 258p.
31/09-A, p. 4328 BLE71-05713

BERSHAD, NEIL JEREMY
STABILITY OF LINEAR SYSTEMS WITH GAUSSIAN RANDOM PARAMETERS. (PH.D. 1962 RENSSELAER POLYTECHNIC INSTITUTE) 111p.
24/01, p. 225 BLE63-03365

BERSTED, CHRIS THOR
A COMPUTER MODEL OF PROBABILISTIC CONCEPT FORMATION. (PH.D. 1971 TEXAS CHRISTIAN UNIVERSITY) 199p. 32/08-B, p. 4878 BLE72-07618

BERTHE, ANDRE AUGUSTE
STATE MODELING OF MULTIMACHINE POWER SYSTEMS WITH A DYNAMICAL INTERCONNECTING NETWORK. (PH.D. 1973 POLYTECHNIC INSTITUTE OF NEW YORK) 233p. 34/04-B, p. 1558 BLE73-24742

BERTRAM, KENNETH MICHAEL
A COMPARATIVE ANALYSIS OF BARGESHIP SYSTEMS: WITH EMPHASIS ON THEIR IMPACTS ON UNITED STATES SEAPORTS AND INLAND PORTS. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 469p.
34/12-A, p. 7433 BLE74-13863

BESTERFIELD, DALE HAMLYN
THE EFFECT OF SOCIAL REINFORCEMENT AS A FEEDBACK CONDITION IN COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1971 SOUTHERN ILLINOIS UNIVERSITY) 114p. 32/08-A, p. 4234 BLE72-05360

BETHUNE, JAMES EDWARD
MATHEMATICAL PROGRAMMING APPROACHES TO THE ALLOCATION OF RESOURCES TO PUBLICLY SUPPORTED TIMBER MANAGEMENT RESEARCH. (PH.D. 1967 UNIVERSITY OF GEORGIA) 124p.
28/06-B, p. 2206 BLE67-16200

BETTS, JOHN THOMAS
AN APPROXIMATION TECHNIQUE FOR DETERMINING THE OPTIMAL CONTROL OF A DISTRIBUTED PARAMETER. (PH.D. 1970 PURDUE UNIVERSITY) 177p. 31/08-B, p. 4641 BLE71-02562

BETTWY, THEODORE STEPHEN
SYNTHESIS OF NEAR OPTIMAL FEEDBACK CONTROL SYSTEMS. (PH.D. 1966 UNIVERSITY OF SOUTHERN CALIFORNIA) 94p. 27/04-B, p. 1150 BLE66-10529

BEULIGMANN, RAYMOND FREDERICK
PHASE PLANE SOLUTION FOR SYSTEMS USING NONLINEAR TWO-PHASE SERVOMOTOR AND MEASUREMENT OF INSTANTANEOUS ELECTROMAGNETIC TORQUE. (PH.D. 1961 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 115p. 22/10, p. 3576 BLE62-00562

BHANDARI, ASHOK KUMAR
AN APPROACH TO OPTIMAL FEEDBACK CONTROL OF NONLINEAR SYSTEMS. (PH.D. 1970 PURDUE UNIVERSITY) 153p. 31/04-B, p. 1916 BLE70-18597

BHANDARI, RAM GOPAL
RANDOM VIBRATIONS IN DISCRETE NONLINEAR DYNAMIC SYSTEMS. (PH.D. 1966 UNIVERSITY OF WASHINGTON) 110p.
27/09-B, p. 3115 BLE67-02142

BHANDARKAR, DILEEP P.
ANALYTIC MODELS FOR MEMORY INTERFERENCE IN MULTIPROCESSOR COMPUTER SYSTEMS. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 196p.
34/08-B, p. 3783 BLE74-04716

BHARGAVA, BHARAT KUMAR
TREE SYSTEMS FOR SYNTACTIC PATTERN RECOGNITION. (PH.D. 1974 PURDUE UNIVERSITY) 207p. 35/06-B, p. 2744 BLE74-26686

BHATIA, SUSHIL SWADESH
TECHNIQUES FOR DESIGNING BALANCED, EXTENSIBLE COMPUTER SYSTEMS. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 233p.
34/05-B, p. 2018 BLE73-18321

BHATT, ASHVANIKUMAR DEVSHANKER
REDUCED ORDER MODELS FOR POWER SYSTEM ANALYSIS. (PH.D. 1976 DREXEL UNIVERSITY) 215p. 37/04-B, p. 1770 **BLE76-22409**

BHIMJEE, SULTAN ALI
ANALYSIS OF MULTI-SECTOR EFFECTS OF AN INVESTMENT IN A SMALL REGION: A COMPUTER SIMULATION MODEL. (PH.D. 1972 STANFORD UNIVERSITY) 161p. 33/08-B, p. 3682 **BLE73-04468**

BHUIYAN, A.F.M. SADIQUL ISLAM
DYNAMIC SIMULATION OF UNSTEADY FLOW OF WATER IN UNSATURATED SOILS AND ITS APPLICATION TO SUBIRRIGATION SYSTEM DESIGN. (PH.D. 1971 TEXAS A&M UNIVERSITY) 104p. 32/10-B, p. 5754 **BLE72-13199**

BIBB, CHARLES MCLEAN, JR.
A COMPUTER SIMULATION OF THE FACULTY RECRUITMENT PROCESS. (PH.D. 1974 GEORGIA STATE UNIVERSITY - SCHOOL OF EDUCATION) 130p. 35/04-A, p. 1999 **BLE74-23169**

BIBBY, ROBERT
STATISTICAL ERROR ANALYSIS OF GROUNDWATER SYSTEMS. (PH.D. 1971 COLORADO STATE UNIVERSITY) 137p. 32/03-B, p. 1545 **BLE71-23071**

BICKART, THEODORE ALBERT
FLOWGRAPHS FOR NONLINEAR SYSTEMS. (D.ENG. 1960 THE JOHNS HOPKINS UNIVERSITY) 190p. 21/03, p. 570 **BLE60-03316**

BICKER, ALVIN ARTHUR
COMPUTER AIDED NONLINEAR MODELING OF THE NONPULSATILE ASPECTS OF THE PULMONARY CIRCULATION. (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 167p. 34/06-B, p. 2569 **BLE73-28643**

BIEN, ZEUNGNAM
OPTIMAL CONTROL OF DELAY SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF IOWA) 167p. 36/12-B, p. 6307 **BLE76-13363**

BIGELOW, RICHARD HENRY
COMPUTER LANGUAGES FOR NUMERICAL ENGINEERING PROBLEMS. (PH.D. 1973 CALIFORNIA INSTITUTE OF TECHNOLOGY) 135p. 33/12-B, p. 5944 **BLE73-14303**

BIGELOW, STEPHEN COLTON
ADAPTIVE CONTROL OF NONLINEAR SAMPLED DATA SYSTEMS. (ENG.SC.D. 1963 COLUMBIA UNIVERSITY) 75p. 24/07, p. 2835 **BLE64-01646**

BIGGERSTAFF, TED JAMES
C2: A "SUPER-COMPILER" APPROACH TO AUTOMATIC PROGRAMMING. (PH.D. 1976 UNIVERSITY OF WASHINGTON) 311p. 37/02-B, p. 852 **BLE76-17402**

BIGGS, JOSEPH RANDALL
AN ANALYSIS OF HEURISTIC LOT SIZING AND SEQUENCING RULES ON THE PERFORMANCE OF A HIERARCHICAL MULTIPRODUCT, MULTISTAGE PRODUCTION-INVENTORY SYSTEM UTILIZING MATERIAL REQUIREMENTS PLANNING TECHNIQUES. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 347p. 36/08-A, p. 5390 **BLE76-03384**

BIGGS, MICHAEL DON
DESIGN OF MECHANICAL COMPONENTS USING OPTIMAL CONTROL. (PH.D. 1976 THE UNIVERSITY OF TEXAS AT AUSTIN) 111p. 37/05-B, p. 2445 **BLE76-26595**

BILAL, ASD EL MONEIM YOUSSIF
THE ANALYSIS OF A CERTAIN CLASS OF NONLINEAR SYSTEMS. (PH.D. 1963 THE UNIVERSITY OF MICHIGAN) 233p. 24/06, p. 2398 **BLE64-00791**

BILLINGS, ROBERT GAIL
MEASUREMENT OF CARDIOVASCULAR SHUNTS BY COMPUTER ANALYSIS OF THERMODILUTION CURVES. (PH.D. 1975 UNIVERSITY OF UTAH) 101p. 36/04-B, p. 1561 **BLE75-22867**

BILLINGS, RONALD LEE
A COMPUTER-BASED ANALYSIS OF THE IMPLEMENTATION OF SELECTED CRITERIA IN TEXAS MIDDLE SCHOOLS. (ED.D. 1973 UNIVERSITY OF HOUSTON) 275p. 34/11-A, p. 6888 **BLE74-11855**

BINAU, DAVID KARL
A COMPUTER-BASED SYSTEM FOR CAREER ROLE DEFINITION USING THE SETTING - FUNCTIONS - COMPETENCIES MODEL. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 210p. 32/05-A, p. 2413 **BLE71-27431**

BINGHAM, SIDNEY WALKER
TEACHING COMPUTER SCIENCE IN THE SECONDARY SCHOOL. (ED.D. 1970 UTAH STATE UNIVERSITY) 120p. 32/01-B, p. 228 **BLE71-19130**

BINGHAM, WALTER WARN
A STUDY IN SELF-SCHEDULING OF HIGH SCHOOL STUDENTS AS OPPOSED TO COMPUTER SCHEDULING. (ED.D. 1975 NORTH TEXAS STATE UNIVERSITY) 90p. 36/12-A, p. 7759 **BLE76-13173**

BINKLEY, JOHN ANDREW
THE AIR FREIGHT DECISION - A TOTAL DISTRIBUTION SYSTEMS ANALYSIS. (PH.D. 1974 COLUMBIA UNIVERSITY) 186p. 36/02-A, p. 1002 **BLE75-16101**

BISHKO, DONALD
PLANNING FOR COMMON MINERAL RESOURCES IN THE URBAN-SUBURBAN ENVIRONMENT: A COMPUTER SIMULATION APPROACH. (PH.D. 1969 RENSSELAER POLYTECHNIC INSTITUTE) 237p. 31/01-B, p. 164 **BLE70-11312**

BISHOP, ASA ORIN, JR.
THE DEVELOPMENT OF AN ON-LINE, REAL TIME DIGITAL COMPUTER TECHNIQUE FOR THE ANALYSIS OF ELECTROENCEPHALOGRAMS. (PH.D. 1969 CLEMSON UNIVERSITY) 100p. 30/10-B, p. 4615 **BLE70-06275**

BISHOP, CLYDE
AN ANALYSIS OF THE DELAWARE EDUCATIONAL ASSESSMENT AND ACCOUNTABILITY SYSTEM. (PH.D. 1976 UNIVERSITY OF DELAWARE) 212p. 37/05-A, p. 3206 **BLE76-24256**

BISHOP, JACK LAWSON, JR.
A COMPARATIVE EVALUATION OF OPTIMAL INVENTORY CONTROL POLICIES. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 382p. 33/01-A, p. 9 **BLE72-19798**

BISHOP, KENNETH ALLAN
A GENERALIZED PULSE TESTING TECHNIQUE FOR LINEAR SYSTEM IDENTIFICATION. (PH.D. 1965 THE UNIVERSITY OF OKLAHOMA) 300p. 26/04, p. 2094 **BLE65-10675**

BISHOP, THOMAS DAVID
A STUDY OF THE COMPUTER-RELATED MATHEMATICS PROGRAMS OF SECONDARY SCHOOLS AND TEACHER EDUCATION INSTITUTIONS IN MISSOURI AND ADJOINING STATES. (ED.D. 1970 UNIVERSITY OF MISSOURI - COLUMBIA) 205p. 31/08-A, p. 3997 **BLE71-03309**

BISIGNANI, WILLIAM THOMAS
AUTOMATED FEATURE EXTRACTION AND PATTERN RECOGNITION OF LEUKOCYTE IMAGES. (PH.D. 1972 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 174p. 32/12-B, p. 7029 **BLE72-17832**

BISSCHOP, JOHANNES JACOBUS
SOLUTION REPRESENTATIONS FOR NONLINEAR SYSTEMS AND THE CONTROLLABILITY PROBLEM. (PH.D. 1974 THE JOHNS HOPKINS UNIVERSITY) 89p. 35/06-B, p. 2789 **BLE74-27933**

BITNEY, LARRY LOVERN
AN APPLICATION OF LINEAR PROGRAMMING TO INDIVIDUAL FARM MANAGEMENT DECISIONS USING AN AREA INFORMATION SYSTEM. (PH.D. 1969 OKLAHOMA STATE UNIVERSITY) 161p. 31/08-A, p. 3739 **BLE70-21346**

BITTEL, RAYMOND HERMAN
LINEAR TIME-VARYING SYSTEMS ANALYSIS: A DISTRIBUTIONAL APPROACH IN THE TIME DOMAIN. (PH.D. 1970 SOUTHERN METHODIST UNIVERSITY) 88p. 31/08-B, p. 4676 **BLE71-01567**

BITTER, GARY GLEN
EFFECT OF COMPUTER APPLICATIONS ON ACHIEVEMENT IN A COLLEGE INTRODUCTORY CALCULUS COURSE. (PH.D. 1970 UNIVERSITY OF DENVER) 97p. 31/10-B, p. 6109 **BLE71-08024**

BITTNER, EDWARD CLARENCE
NUMERICAL ANALYSIS OF LAPLACE'S EQUATION WITH NONLINEAR BOUNDARY CONDITIONS. (PH.D. 1965 CASE WESTERN RESERVE UNIVERSITY) 81p. 26/07, p. 3972 **BLE65-13814**

BIZZEL, JACK ENGLISH
AUTOMATING THE COURTHOUSE: A LIMITED STUDY OF COUNTY GOVERNMENTS TO ESTABLISH CRITERIA RELATIVE TO THE JUSTIFICATION, THE PROCUREMENT, THE INSTALLATION AND THE OPERATING OF ELECTRONIC DATA PROCESSING (EDP) EQUIPMENT. (PH.D. 1966 SOUTHERN ILLINOIS UNIVERSITY) 257p. 27/09-A, p. 3102 **BLE67-03139**

BLACK, RICHARD H.
A METHOD OF PATTERN RECOGNITION BY MACHINE. (PH.D. 1963 THE UNIVERSITY OF WISCONSIN - MADISON) 71p. 24/06, p. 2494 **BLE64-00829**

BLACKBURN, JOSEPH DANIEL
OPTIMAL CONTROL OF QUEUEING SYSTEMS WITH INTERMITTENT SERVICE. (PH.D. 1971 STANFORD UNIVERSITY) 169p. 32/08-B, p. 4718 **BLE72-05889**

BLACKMER, ELIZABETH ROOT
SKILL IN LANGUAGE: A STUDY OF INFORMATION PROCESSING IN THE PRODUCTION OF SPEECH. (PH.D. 1972 STANFORD UNIVERSITY) 78p. 33/05-B, p. 2366 **BLE72-30591**

BLACKSTOCK, EDWARD G.
AN INFORMATION PROCESSING APPROACH TO THE DEVELOPMENT OF THE PIAGETIAN CONCEPT OF SERIATION. (PH.D. 1975 CITY UNIVERSITY OF NEW YORK) 124p. 36/02-B, p. 931 **BLE75-16959**

BLAHA, JOHN
VISUAL INFORMATION PROCESSING: LOCATION UNCERTAINTY EFFECTS ON TARGET DETECTION. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 156p. 32/05-B, p. 3022 **BLE71-27432**

BLAIR, JAMES CANNON
OPTIMAL CONTROL WITH A PROBABILISTIC TERMINAL CONSTRAINT AND APPLICATION TO MIDCOURSE GUIDANCE. (PH.D. 1970 THE UNIVERSITY OF TENNESSEE) 112p. 31/09-B, p. 5359 **BLE71-07609**

BLAIR, JAMES CURTIS
AN EXTENDIBLE INTERACTIVE DEBUGGING SYSTEM. (PH.D. 1971 PURDUE UNIVERSITY) 153p. 32/06-B, p. 3295 **BLE72-01615**

BLAIR, WILLIAM POWELL, JR.
SYNTHESIS, ANALYSIS AND OPTIMAL CONTROL IN LINEAR DYNAMICAL SYSTEMS. (PH.D. 1974 UNIVERSITY OF SOUTHERN CALIFORNIA) 155p. 34/11-B, p. 5462 **BLE74-11680**

BLAKE, JOANNA
A DEVELOPMENTAL STUDY OF SPEED AND STRATEGY IN VISUAL INFORMATION PROCESSING, USING BACKWARD MASKING. (PH.D. 1972 CITY UNIVERSITY OF NEW YORK) 148p. 32/11-B, p. 6670 **BLE72-13458**

BLANK, GARY LOUIS
THE ANALYSIS OF NONLINEAR SAMPLED-DATA CONTROL SYSTEMS USING LYAPUNOV'S SECOND METHOD. (PH.D. 1963 THE UNIVERSITY OF WISCONSIN - MADISON) 127p. 24/04, p. 1531 **BLE63-07581**

BLANKENSHIP, LARRY LEE
COMPUTER-CONDUCTED ASSESSMENT OF LIFE-CHANGE PSYCHOLOGICAL STRESS. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 118p. 37/05-B, p. 2495 **BLE76-24046**

BLANTON, LINDA LONON
THE VERB SYSTEM IN BREATHITT COUNTY, KENTUCKY: A SOCIOLINGUISTIC ANALYSIS. (PH.D. 1974 ILLINOIS INSTITUTE OF TECHNOLOGY) 151p. 35/12-A, p. 7888 **BLE75-12600**

BLAZ, MICHAEL
CONDITIONED REINFORCEMENT: AN EXPERIMENTAL ANALYSIS OF THE INFORMATION HYPOTHESIS AND ITS RELATIONSHIP TO DISCRIMINATIVE STIMULI. (PH.D. 1976 UNIVERSITY OF KENTUCKY) 85p. 37/05-B, p. 2537 **BLE76-23791**

BLEUEL, WILLIAM HERMAN
OPTIMUM PACKAGING DESIGN AND COMPONENT SPARING POLICIES FOR REPAIRABLE COMPLEX SYSTEMS. (PH.D. 1970 TEXAS A&M UNIVERSITY) 213p. 31/04-B, p. 1991 **BLE70-16711**

BLEVINS, PARKER RAY
ASPECTS OF A DYNAMICALLY ADAPTIVE OPERATING SYSTEM. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 144p. 34/02-B, p. 662 **BLE73-18403**

BLIGHT, JAMES DALE
SCALAR STABILITY CRITERIA FOR NONLINEAR MULTIVARIABLE FEEDBACK SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF MICHIGAN) 208p. 35/01-B, p. 286 **BLE74-15673**

BLINCHIKOFF, HERMAN JAY
THE QUASI-STATIONARY RESPONSE OF LINEAR TIME-VARYING SYSTEMS TO MODULATED SIGNALS. (PH.D. 1969 THE JOHNS HOPKINS UNIVERSITY) 177p. 30/02-B, p. 640 **BLE69-13486**

BLISS, FRANK WILLIAM
COMPUTER-AIDED LOGIC DESIGN. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 191p. 32/03-B, p. 1498 **BLE71-22781**

BLITZ, ALLAN N.
AN INVESTIGATION OF THE WAYS IN WHICH PERSONALITY CHARACTERISTICS AFFECT PERFORMANCE ON COMPUTER-ASSISTED INSTRUCTION AND PROGRAMMED TEXT. (ED.D. 1972 UNIVERSITY OF KENTUCKY) 128p. 33/09-A, p. 4928 **BLE73-07332**

BLOCK, MARTIN PAUL
THE POTENTIAL IMPACT OF BROADBAND COMMUNICATION NETWORK TECHNOLOGY ON CONSUMER MARKETING COMMUNICATION: A COMPUTER SIMULATION EXPERIMENT. (PH.D. 1975 MICHIGAN STATE UNIVERSITY) 315p. 36/12-A, p. 7710 **BLE76-12401**

BLOEDORN, JACK CLYDE
THE TOM (TARGET OBJECTIVES MIX) PROGRAM: A FUNDAMENTAL ORGANIZING PRINCIPLE FOR MANAGEMENT ORIENTED DESIGN AND OPERATION OF SOCIAL WELFARE SERVICE DELIVERY SYSTEMS. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 242p. 33/06-A, p. 3004 **BLE72-32388**

BLOTTER, PAUL THOMAS
FREE PERIODIC VIBRATIONS OF CONTINUOUS SYSTEMS GOVERNED BY NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS. (PH.D. 1968 MICHIGAN STATE UNIVERSITY) 157p. 30/01-B, p. 234 **BLE69-11072**

BLUHM, DELWYN DONALD
OPTIMUM PROCESSING OF CONTINUOUS NOISY MEASUREMENT DATA IN A DISCRETE KALMAN FILTER. (PH.D. 1972 IOWA STATE UNIVERSITY) 130p. 33/04-B, p. 1543 **BLE72-26903**

BLUM, HOWARD STANLEY
MIN-MAX CONTROL OF UNCERTAIN-SYSTEMS. (PH.D. 1973 POLYTECHNIC INSTITUTE OF NEW YORK) 110p. 34/04-B, p. 1559 **BLE73-24744**

BLUM, STEVEN
AN INVESTIGATION OF THE RELATIONSHIP OF CONVEX PROGRAMMING AND THE PONTRYAGIN MAXIMUM PRINCIPLE FOR OPTIMUM SYSTEM CONTROL. (PH.D. 1967 UNIVERSITY OF PENNSYLVANIA) 100p. 28/10-B, p. 4125 **BLE68-04566**

BLUM, WILLIAM EDWARD
COMPUTER-AIDED DESIGN OF COMPLEX NETWORKS. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 82p. 32/06-B, p. 3348 **BLE72-00020**

BOARDMAN, GERALD RAY
A COMPUTER-BASED MODEL FOR THE ANALYSIS AND FEEDBACK OF AN ADMINISTRATIVE IN-BASKET SIMULATION EXERCISE. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 343p. 31/02-A, p. 574 **BLE70-03479**

BOARDMAN, THOMAS LESLIE, JR.
ON THE EXPLOITATION OF COMPUTING SYSTEMS AND COMPUTER GRAPHICS IN THE DEVELOPMENT OF EFFECTIVE, ECONOMICAL ENGINEERING DESIGN PROCESSES. (PH.D. 1973 PURDUE UNIVERSITY) 227p. 34/08-B, p. 3802 **BLE74-04933**

BOBILIN, RICHARD THOMAS
DISTORTION ANALYSIS OF DIGITAL FM SYSTEMS. (PH.D. 1970 PURDUE UNIVERSITY) 172p. 31/08-B, p. 4676 **BLE71-02563**

BOCCHINO, WILLIAM ANTHONY
EVALUATION OF COLLEGE AND UNIVERSITY COMPUTER CENTER EFFECTIVENESS: A METHODOLOGICAL STUDY. (PH.D. 1974 NEW YORK UNIVERSITY, GRADUATE SCHOOL OF BUSINESS ADMINISTRATION) 318p. 35/09-A, p. 6084 **BLE75-05963**

BODENHEIMER, ROBERT EDWARD
ANALYSIS AND DESIGN OF PULSE FREQUENCY MODULATED CONTROL SYSTEMS. (PH.D. 1965 NORTHWESTERN UNIVERSITY) 129p. 26/11, p. 6601 **BLE66-02685**

BODWELL, WILLIAM ROBERT
A HEURISTIC METHOD FOR REDUCING MESSAGE REDUNDANCY IN A FILE TRANSFER ENVIRONMENT. (PH.D. 1976 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 187p. 37/03-B, p. 1364 **BLE76-19881**

BOERS, JACK EDWARD
COMPUTER SIMULATION OF SPACE-CHARGE FLOWS. (PH.D. 1968 THE UNIVERSITY OF MICHIGAN) 285p. 29/08-B, p. 2873 **BLE69-02286**

BOETTIGER, ANNELIESE
SYNTHESIS OF TIME-OPTIMAL CONTROL FOR SECOND-ORDER NONLINEAR SYSTEMS. (PH.D. 1968 PURDUE UNIVERSITY) 70p. 29/11-B, p. 4166 **BLE69-07423**

BOFFOLY, RICHARD LEE
A FACTOR ANALYSIS OF VISUAL, KINESTHETIC AND COGNITIVE MODES OF INFORMATION HANDLING. (ED.D. 1974 ILLINOIS STATE UNIVERSITY) 130p. 35/03-A, p. 1489 **BLE74-20062**

BOGDANOV, NIKOLAI
OPTIMIZATION OF A NON-LINEAR SYSTEM WITH INACCESSIBLE STATE VARIABLES AND TIME-DELAYED MEASUREMENTS. (PH.D. 1974 WAYNE STATE UNIVERSITY) 243p. 35/12-B, p. 5886 **BLE75-13296**

BOHIGIAN, HAIG EDWARD
THE FOUNDATIONS AND MATHEMATICAL MODELS OF OPERATIONS RESEARCH, WITH EXTENSIONS TO THE CRIMINAL JUSTICE SYSTEM. (PH.D. 1971 NEW YORK UNIVERSITY) 306p. 32/10-B, p. 5909 **BLE72-11445**

BOISSEAU, HENRY JAMES, JR.
A STUDY OF OPTIMAL INPUT CONTROL. (PH.D. 1967 PURDUE UNIVERSITY) 264p. 28/02-A, p. 332 **BLE67-10172**

BOLAND, JOSEPH SAMUEL, III
ON THE OPTIMAL CONTROL OF DISCRETE SYSTEMS WITH BOUNDED STATE VARIABLES AND BOUNDED CONTROL VARIABLES. (PH.D. 1969 GEORGIA INSTITUTE OF TECHNOLOGY) 115p. 29/12-B, p. 4650 **BLE69-09538**

BOLES, JOHN AMOS
THE LOGICAL DESIGN OF THE NEBULA COMPUTER. (PH.D. 1968 OREGON STATE UNIVERSITY) 156p. 28/11-B, p. 4648 BLE68-05999

BOLLINGER, JOHN GUSTAVE
AN INVESTIGATION OF NONLINEAR GEARED TORSIONAL SYSTEMS USING ANALOG TECHNIQUES. (PH.D. 1961 THE UNIVERSITY OF WISCONSIN - MADISON) 174p. 22/03, p. 836 BLE61-03068

BOLON, GEORGE
A COMPUTER MODEL FOR FACULTY DEMOGRAPHY AND RETIREMENT. (PH.D. 1976 UNIVERSITY OF UTAH) 608p. 37/04-A, p. 2008 BLE76-23365

BOLYEA, NORMAN FYFE
COMPUTER SIMULATION OF BULK MATERIALS BLENDING TO ACHIEVE EFFECTIVE QUALITY ASSURANCE. (PH.D. 1970 RENSSELAER POLYTECHNIC INSTITUTE) 189p. 31/04-B, p. 1941 BLE70-19932

BOMBER, THOMAS M.
COMPARISON OF FOUR METHODS FOR THE IDENTIFICATION OF LINEAR SYSTEMS WITH A TIME DELAY. (PH.D. 1974 ARIZONA STATE UNIVERSITY) 145p. 35/04-B, p. 1707 BLE74-20125

BONAR, JOHN ROBERT, JR.
THE DESIGN, IMPLEMENTATION, AND EVALUATION OF A COMPUTER-MANAGED INSTRUCTIONAL PROGRAM FOR THE PREPARATION OF COLLEGIATE ACADEMIC ADVISORS. (PH.D. 1972 THE FLORIDA STATE UNIVERSITY) 159p. 33/07-A, p. 3279 BLE73-00204

BONDI, JAMES OLIVER
TOWARDS A DESIGN OF HMO, AN INTEGRATED HARDWARE MICROCODE OPTIMIZER. (PH.D. 1974 UNIVERSITY OF MISSOURI - ROLLA) 90p. 36/01-B, p. 372 BLE75-15612

BONGIORNO, JOSEPH JOHN, JR.
STABILITY AND CONVERGENCE PROPERTIES OF MODEL-REFERENCE ADAPTIVE CONTROL SYSTEMS. (D.E.E. 1960 POLYTECHNIC INSTITUTE OF NEW YORK) 147p. 21/06, p. 1501 BLE60-03850

BONNER, CAMERON SCOTT
EFFECTS OF COMPETITION IN COMPUTER-BASED MATHEMATICS GAMING. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 240p. 35/11-A, p. 6932 BLE75-11648

BOODY, CHARLES GEORGE
NON-COMPOSITIONAL APPLICATIONS OF THE COMPUTER TO MUSIC: AN EVALUATIVE STUDY OF MATERIALS PUBLISHED IN AMERICA THROUGH JUNE OF 1972. (PH.D. 1975 UNIVERSITY OF MINNESOTA) 198p. 36/06-A, p. 3196 BLE75-27135

BOOKER, ROBERT ALLEN
STATE AND INPUT REPRODUCTION FOR MULTIVARIABLE SYSTEMS. (PH.D. 1971 UNIVERSITY OF DENVER) 107p. 32/10-B, p. 5786 BLE72-13118

BOONE, RICHARD MARSHALL
ELECTRONIC DATA PROCESSING EQUIPMENT AS AN AID TO ADMINISTRATIVE DECISION-MAKING IN STUDENT-TEACHING PROGRAMS. (ED.D. 1971 ARIZONA STATE UNIVERSITY) 189p. 31/11-A, p. 5654 BLE71-13210

BOONYUBOL, CHARUAY
POWER TRANSMISSION SYSTEM FAULT SIMULATION, ANALYSIS, AND LOCATION. (PH.D. 1968 UNIVERSITY OF MISSOURI - COLUMBIA) 212p. 29/08-B, p. 2874 BLE69-03214

BOOTH, GARY EDWIN
CONFORMATIONAL ANALYSIS IN BICYCLIC SYSTEMS. (PH.D. 1965 THE OHIO STATE UNIVERSITY) 79p. 26/11, p. 6366 BLE66-01759

BOOZER, DRAYTON DANIEL
LINEAR STOCHASTIC SYSTEM IDENTIFICATION USING CORRELATION TECHNIQUES. (PH.D. 1970 MISSISSIPPI STATE UNIVERSITY) 173p. 31/09-B, p. 5360 BLE71-06815

BORBASH, STEVEN RICHARD, JR.
DESIGN OF A DOCUMENT RETRIEVAL SYSTEM USING PATTERN RECOGNITION AND MATHEMATICAL PROGRAMMING TECHNIQUES. (PH.D. 1970 UNIVERSITY OF PITTSBURGH) 284p. 32/01-B, p. 244 BLE71-18134

BORCHERS, INGO UDO
NOISE AND FLOW CHARACTERISTICS OF LINEAR ARRAYS OF CIRCULAR JETS AND EJECTOR FLOW SYSTEMS. (PH.D. 1976 THE UNIVERSITY OF TENNESSEE) 287p. 37/02-B, p. 862 BLE76-17717

BORDIER, NANCY SKOUGOR
AN EASTONIAN SYSTEMS APPROACH TO ANALYSIS OF EDUCATION POLITICS. (PH.D. 1971 COLUMBIA UNIVERSITY) 312p. 32/06-A, p. 3379 BLE72-01277

BO[illegible]STAHL, RONALD WILLIAM
DIGITAL SYSTEM DESIGN AND SIMULATION. (PH.D. 1972 IOWA STATE UNIVERSITY) 116p. 33/08-B, p. 3643 BLE73-03659

BORIAKOFF, VALENTIN
PULSAR RADIOFREQUENCY OBSERVATIONS WITH A DIGITAL PULSAR PROCESSOR. (PH.D. 1973 CORNELL UNIVERSITY) 308p. 34/10-B, p. 4808 BLE74-07174

BORMAN, KARL GANSER
THE DEVELOPMENT AND EVALUATION OF A MODEL FOR THE TEACHING OF BEGINNING SHORTHAND THROUGH THE USE OF COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1971 THE PENNSYLVANIA STATE UNIVERSITY) 111p. 32/11-A, p. 6181 BLE72-13815

BORTHWICK, PAUL BERTRAM, JR.
THE EFFECTS OF QUESTION STRATEGY TRAINING UPON THE INFORMATION GAINED FROM READING SCIENCE-RELATED PROSE SELECTIONS WITH FIFTH-GRADE STUDENTS. (PH.D. 1973 THE UNIVERSITY OF AKRON) 182p. 34/09-A, p. 5795 BLE74-07592

BOSE, ANINDYA
INFORMATION SYSTEM DESIGN METHODOLOGY BASED ON PERT/CPM NETWORKING AND OPTIMIZATION TECHNIQUES. (PH.D. 1970 UNIVERSITY OF PITTSBURGH) 226p. 31/10-B, p. 6098 BLE71-01774

BOSWELL, FREDRIC ROWLAND
A DIAGNOSTIC COMPUTER SYSTEM FOR FAULT DIAGNOSIS OF DIGITAL CIRCUITS. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 244p. 33/04-B, p. 1496 BLE72-26138

BOSWORTH, JACK LEONARD
SOFTWARE RELIABILITY BY REDUNDANCY. (PH.D. 1975 THE UNIVERSITY OF MICHIGAN) 206p. 36/10-B, p. 5138 BLE76-09350

BOTKIN, JAMES WALDRON
AN INTUITIVE COMPUTER SYSTEM: A COGNITIVE APPROACH TO THE MANAGEMENT LEARNING PROCESS. (D.B.A. 1974 HARVARD UNIVERSITY) 604p. 34/11-A, p. 6801 BLE74-09035

BOUDINOT, REGINALD DEE
DEVELOPMENT OF INSGEN: AN ORCHESTRA COMPILER FOR COMPUTER-GENERATED SOUND. (PH.D. 1972 UNIVERSITY OF MIAMI) 112p. 34/10-A, p. 6661 BLE74-08882

BOUDWIN, NORMAN KENNETH, JR.
MATHEMATICAL PROGRAMMING APPROACHES TO MULTISTAGE DECISION PROCESSES. (PH.D. 1973 STANFORD UNIVERSITY) 239p. 33/12-B, p. 5952 BLE73-14665

BOUTELL, WAYNE STRUVE
THE IMPACT OF ELECTRONIC DATA PROCESSING ON PROFESSIONAL AUDITING PROCEDURES. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, BERKELEY) 259p. 24/12, p. 5046 BLE64-05197

BOVET, DANIEL PIERRE
MEMORY ALLOCATION IN COMPUTER SYSTEMS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 198p. 29/06-B, p. 2036 BLE68-16601

BOWDON, EDWARD KNIGHT, SR.
MODELING AND ANALYSIS OF A NETWORK OF COMPUTERS. (PH.D. 1969 THE UNIVERSITY OF IOWA) 97p. 30/07-B, p. 3171 BLE69-21670

BOWEN, ROBERT ORVILLE
THE EFFECT OF INFORMAL DISSEMINATION OF HEALTH INFORMATION ABOUT THE COMMON COLD. (H.S.D. 1971 INDIANA UNIVERSITY) 135p. 32/09-A, p. 5012 BLE72-09736

BOWER, JAMES BEARDSLEY
PRINCIPLES OF ACCOUNTING SYSTEMS DESIGN. (PH.D. 1960 THE UNIVERSITY OF TEXAS AT AUSTIN) 586p. 21/07, p. 1794 BLE60-04536

BOWER, ROBERT, JR.
AN AUTOMATED ACCOUNTING AND INFORMATION SYSTEM FOR INDEPENDENT INSURANCE AGENTS. (PH.D. 1974 TEXAS A&M UNIVERSITY) 143p. 36/03-B, p. 1312 BLE75-16014

BOWERS, JAMES CLARK
OPTIMUM ANALOGUE AND DIGITAL ATTITUDE CONTROL SYSTEMS FOR SPACE VEHICLES. (SC.D. 1964 WASHINGTON UNIVERSITY) 199p. 26/01, p. 266 BLE65-06837

BOWRA, JAMES WILLIAM
THE MODELING AND SYNTHESIS OF MULTI-FUNCTIONAL UNIT PROCESSORS. (PH.D. 1973 CORNELL UNIVERSITY) 136p. 34/10-B, p. 4962 BLE74-07176

BOYCE, RAYMOND FRANCIS
TOPOLOGICAL REORGANIZATION AS AN AID TO PROGRAM SIMPLIFICATION. (PH.D. 1972 PURDUE UNIVERSITY) 181p. 33/06-B, p. 2555 BLE72-30660

BOYCE, RICHARD WALTER
FURTHER VALIDATION, DATA-PROCESSING CONVERSIONS, AND PROPOSED RESEARCH MANUAL DEVELOPMENT FOR THE SYMONDS' "EDUCATIONAL INTEREST INVENTORY.". (ED.D. 1974 GEORGE PEABODY COLLEGE FOR TEACHERS) 247p. 35/07-A, p. 4038 BLE74-29143

BOYD, ALVIN LYLE
COMPUTER AIDED MATHEMATICS INSTRUCTION FOR LOW-ACHIEVING STUDENTS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 146p. 34/02-A, p. 553 BLE73-17131

BOYD, DONALD LOREN
A MULTIPLE RESOURCE MODEL FOR A BATCH-PROCESSING MULTIPROGRAMMING SYSTEM. (PH.D. 1971 THE UNIVERSITY OF IOWA) 125p. 32/05-B, p. 2648 BLE71-30400

BOYER, ARTHUR LONNIE
FORMATION OF IMAGES USING 5 MHZ ULTRASOUND AND A COMPUTER. (PH.D. 1971 RICE UNIVERSITY) 89p. 32/04-B, p. 2341 BLE71-26260

BOYER, CALVIN JAMES
THE DOCTOR OF PHILOSOPHY DISSERTATION: AN ANALYSIS OF THE DOCTORAL DISSERTATION AS AN INFORMATION SOURCE. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 131p. 33/09-A, p. 5211 BLE73-07611

BOYKIN, WILFRED ELMO
THE EFFECT OF ACHIEVEMENT, FEEDBACK AND REVIEW ON RETENTION AND TRANSFER OF FOURTH GRADE SCIENCE MATERIALS PRESENTED BY COMPUTER ASSISTED INSTRUCTION. (ED.D. 1968 UNIVERSITY OF VIRGINIA) 90p. 30/01-A, p. 196 BLE69-04011

BOYLE, JAMES
PROGRAM BEHAVIOR AND VIRTUAL MEMORY MANAGEMENT IN TIME-SHARED COMPUTER SYSTEMS. (PH.D. 1973 TEXAS A&M UNIVERSITY) 205p. 34/12-B, p. 5940 BLE74-13064

BOYLE, JAMES MARTIN
A TRANSFORMATIONAL COMPONENT FOR PROGRAMMING LANGUAGE GRAMMAR. (PH.D. 1970 NORTHWESTERN UNIVERSITY) 243p. 31/07-B, p. 4188 BLE71-01802

BOYLES, NORMAN LEE
THEORETICAL RULES FOR THE CONSTRUCTION OF A SECONDARY SCHOOL MASTER SCHEDULE UTILIZING AN ELECTRONIC COMPUTER. (ED.D. 1963 THE UNIVERSITY OF TENNESSEE) 157p. 25/02, p. 955 BLE64-04871

BOYSE, JOHN WESLEY
SOLUTION OF MARKOV RENEWAL DECISION PROCESSES WITH APPLICATION TO COMPUTER SYSTEM SCHEDULING. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 297p. 32/07-B, p. 3887 BLE72-04832

BRACE, WILLIAM
A CITATION ANALYSIS OF DOCTORAL DISSERTATIONS IN LIBRARY AND INFORMATION SCIENCE, 1961-1970. (PH.D. 1975 CASE WESTERN RESERVE UNIVERSITY) 157p. 36/03-A, p. 1145 BLE75-19166

BRACHA, NURIT
TRANSFORMATIONS ON LOOP-FREE PROGRAM SCHEMATA. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 125p. 33/10-B, p. 4757 BLE73-09668

BRACKEN, MARILYN CASEY
AN ANALYSIS OF THE EVOLUTION OF THE NATIONAL LIBRARY OF MEDICINE: IMPLICATIONS FOR THE DEVELOPMENT OF SCIENTIFIC AND TECHNICAL INFORMATION NETWORKS. (PH.D. 1971 THE AMERICAN UNIVERSITY) 312p. 32/04-A, p. 2167 BLE71-26266

BRACKEY, THOMAS ALLEN
APPLICATION OF SPATIAL DIVERSITY TO ATMOSPHERIC OPTICAL LINE-OF-SIGHT COMMUNICATION SYSTEMS. (PH.D. 1969 THE OHIO STATE UNIVERSITY) 179p. 30/10-B, p. 4616 BLE70-06732

BRADLEY, DAVID BRAXTON
A MULTIPROCESSOR COMPUTER SIMULATION MODEL EMPLOYING A FEEDBACK SCHEDULER/ALLOCATOR FOR MEMORY SPACE AND BANDWIDTH MATCHING AND TMR(+ TRIPLE MODULAR REDUNDANT) PROCESSING. (PH.D. 1974 AUBURN UNIVERSITY) 422p. 35/12-B, p. 5886 BLE75-12465

BRADLEY, DAVID JOHN
A MODULAR, VARIABLE ARCHITECTURE COMPUTER ORGANIZATION. (PH.D. 1975 PURDUE UNIVERSITY) 175p. 36/07-B, p. 3516 BLE76-00502

BRADLEY, GORDON HOOVER
ON PROBLEMS OF DISTANCE, CONVEX SETS AND MATHEMATICAL PROGRAMMING. (PH.D. 1967 NORTHWESTERN UNIVERSITY) 104p. 28/09-B, p. 3717 BLE68-03159

BRADLEY, WILLIAM GUERIN, JR.
NONLINEAR MULTICOMPONENT CHROMATOGRAPHY: EQUILIBRIUM AND NONEQUILIBRIUM SYSTEMS. (PH.D. 1974 PRINCETON UNIVERSITY) 225p. 35/03-B, p. 1241 BLE74-17439

BRADSHAW, FRANKLYN THOMAS
STRUCTURE AND REPRESENTATION OF DIGITAL COMPUTER SYSTEMS. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 246p. 32/05-B, p. 2648 BLE71-22763

BRAGA, LAURIE DAVIS
DEVELOPMENT AND EVALUATION OF A TEST ANALYSIS SYSTEM FOR DESCRIBING INTRA-CHILD VARIABLES IN LEARNING DISABLED PRESCHOOL CHILDREN. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 347p. 33/10-A, p. 5581 BLE73-10[illegible]95

BRAIL, RICHARD KENNETH
ACTIVITY SYSTEM INVESTIGATIONS: STRATEGY FOR MODEL DESIGN. (PH.D. 1969 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 283p. 30/08-A, p. 3564 BLE70-03197

BRAININ, SAMUEL MICHAEL
THE ESTIMATION OF RANDOMLY VARYING PARAMETERS IN LINEAR SYSTEMS. (PH.D. 1966 UNIVERSITY OF SOUTHERN CALIFORNIA) 107p. 27/05-B, p. 1473 BLE66-11563

BRAMMER, NORMAN DEAN
A COMPARATIVE INVESTIGATION OF THE USE OF DIGITAL COMPUTER SYSTEMS SIMULATION IN BUSINESS ORGANIZATIONS. (PH.D. 1971 THE UNIVERSITY OF IOWA) 252p. 32/09-A, p. 4772 BLE72-08220

BRANCH, LEE EDWARD
THE DALE-CHALL READABILITY FORMULA AS PROGRAMMED FOR THE COMPUTER. (PH.D. 1972 CLAREMONT GRADUATE SCHOOL) 190p. 33/05-A, p. 2316 BLE72-30536

BRANDSTETTER, ALBIN
DETERMINATION OF THE NONLINEAR RESPONSE FUNCTIONS OF HYDROLOGIC SYSTEMS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, DAVIS) 214p. 32/04-B, p. 2267 BLE71-26062

BRANDT, VERNON OMER
APPEARANCE POTENTIALS OF SOME METAL DITHIOCARBAMATES USING A COMPUTER INTERFACED MASS SPECTROMETER. (PH.D. 1975 UNIVERSITY OF KANSAS) 159p. 37/01-B, p. 178 BLE76-16696

BRANSON, MICHAEL HOBAN
APPLICATION OF SEMI-MARKOV PROCESSES TO RELIABILITY MODELING OF COMPLEX SYSTEMS. (PH.D. 1969 ARIZONA STATE UNIVERSITY) 92p. 30/02-B, p. 663 BLE69-12547

BRANSTAD, DENNIS KEITH
A COMPUTER AIDED INSTRUCTIONAL SYSTEM FOR TEACHING FORMAL LANGUAGES. (PH.D. 1970 IOWA STATE UNIVERSITY) 140p. 31/06-B, p. 3324 BLE70-25769

BRASCH, FREDERICK MARTIN, JR.
EIGENVALUE ASSIGNMENT IN LINEAR CONTROL SYSTEMS USING ACCESSIBLE STATES. (PH.D. 1970 RICE UNIVERSITY) 134p. 31/06-B, p. 3387 BLE70-23482

BRASWELL, ROBERT NEIL
A HEURISTIC RESOURCE ALLOCATION AND CONTROL ALGORITHM FOR INTERMITTENT SYSTEMS. (PH.D. 1964 OKLAHOMA STATE UNIVERSITY) 197p. 26/03, p. 1521 BLE65-08699

BRAUDAWAY, DAVID WILLIAM
OPTIMAL FEEDBACK CONTROL OF THE RADIOACTIVE VOLTAGE STANDARD. (PH.D. 1968 THE UNIVERSITY OF NEW MEXICO) 157p. 29/12-B, p. 4651 BLE69-09237

BRAUN, LUDWIG, JR.
ON ADAPTIVE CONTROL SYSTEMS. (D.E.E. 1959 POLYTECHNIC INSTITUTE OF NEW YORK) 93p. 20/04, p. 1300 BLE59-03620

BRAVERMAN, DAVID JOHN
MACHINE LEARNING AND AUTOMATIC PATTERN RECOGNITION. (PH.D. 1961 STANFORD UNIVERSITY) 89p. 22/05, p. 1550 BLE61-04121

BRAYER, JOHN MARVIN
WEB GRAMMARS AND THEIR APPLICATION TO PATTERN RECOGNITION. (PH.D. 1975 PURDUE UNIVERSITY) 292p. 37/03-B, p. 1334 BLE76-21069

BREGAR, WILLIAM SAMUEL
COMPUTER-AIDED-DESIGN OF EDUCATIONAL FACILITIES. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 308p. 35/10-B, p. 4865 BLE75-02450

BREHOB, KENNETH RAYMOND
A COMPUTER SIMULATION OF THE EFFECTS OF POSSIBLE TORNADO MODIFICATION ON THE EXTENT OF THE TORNADO HAZARD. (PH.D. 1974 THE UNIVERSITY OF OKLAHOMA) 101p. 35/09-A, p. 6027 BLE75-06603

BREITENBACH, EUGENE ALLEN
A COMPUTER SIMULATION OF GRAVITY DRAINAGE IN OIL RESERVOIRS. (PH.D. 1964 STANFORD UNIVERSITY) 183p. 25/03, p. 1797 BLE64-09812

BREMER, STUART ALLAN
NATIONAL AND INTERNATIONAL SYSTEMS: A COMPUTER SIMULATION. (PH.D. 1970 MICHIGAN STATE UNIVERSITY) 307p. 32/01-A, p. 517 BLE71-18175

BRENDER, RONALD FRANKLIN
A PROGRAMMING SYSTEM FOR THE SIMULATION OF CELLULAR SPACES. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 168p. 31/05-B, p. 2820 BLE70-21922

BREUER, MELVIN ALLEN
THE USE OF MATHEMATICAL PROGRAMMING IN THE IMPLEMENTATION OF BOOLEAN SWITCHING FUNCTIONS. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, BERKELEY) 120p. 26/02, p. 946 BLE65-08138

BREWER, GARRY DWIGHT
MASTERING THE COMPLEXITY OF URBAN DECISION: THE INTEGRATION OF THE COMPUTER. (PH.D. 1970 YALE UNIVERSITY) 503p. 32/01-A, p. 497 BLE71-18121

BREWER, JAMES HERMAN
A COMPARATIVE ANALYSIS OF MISSISSIPPI'S EDUCATIONAL FINANCING SYSTEM WITH SELECTED EQUALIZATION CRITERIA. (ED.D. 1973 UNIVERSITY OF SOUTHERN MISSISSIPPI) 130p. 34/07-A, p. 3681 BLE73-31985

BREWER, JOHN WILLIAM
THE APPLICATION OF NUMERICAL METHODS TO SYSTEM DESIGN. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 190p. 27/10-B, p. 3491 BLE67-05010

BRGLEZ, FRANC
COMPUTER-AIDED SYNTHESIS OF CONSTRAINED PASSIVE NETWORKS WITH OPTIMUM GAIN-BANDWIDTH PRODUCT. (PH.D. 1970 UNIVERSITY OF COLORADO AT BOULDER) 243p. 32/02-B, p. 929 BLE71-21576

BRICE, RICHARD STELL
A STUDY OF FEEDBACK COUPLED RESOURCE ALLOCATION POLICIES IN A MULTI-PROCESSING COMPUTER ENVIRONMENT. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 127p. 34/09-B, p. 4323 BLE74-05200

BRIGHT, LARRY KENT
AN APPLICATION OF A PLAN TO INITIATE ORGANIZATIONAL SELF-RENEWAL IN A SCHOOL SYSTEM. (ED.D. 1971 MONTANA STATE UNIVERSITY) 315p. 32/09-A, p. 4863 BLE72-08876

BRINEY, JAMES ROLF, III
THE DEVELOPMENT OF A CONCEPTUALIZED MODEL TO EVALUATE COMPUTER CLASS SCHEDULING. (ED.D. 1973 THE UNIVERSITY OF ALABAMA) 79p. 34/05-A, p. 2193 BLE73-27286

BRISCOE, WILLIAM GARY
COMPUTER-AIDED OPTIMIZATION OF MICROWAVE CIRCUITS. (PH.D. 1972 VANDERBILT UNIVERSITY) 166p. 33/12-B, p. 5818 BLE73-14486

BRISTOL, JOHN LLEWELLYN
COMPUTER-ASSISTED CURRICULUM MANAGEMENT SUPPORT SYSTEM. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 109p. 32/06-A, p. 2999 BLE71-31164

BRITT, HERBERT IRVING
ESTIMATION IN LINEAR SYSTEMS WITH TIME-DELAY. (PH.D. 1972 UNIVERSITY OF MISSOURI - COLUMBIA) 152p. 34/03-B, p. 1084 BLE73-21769

BROADWATER, ERNEST HOFF
AN EXPLORATORY STUDY OF THE REPRESENTATIVE VALIDITY OF THE OBSERVATIONAL SYSTEM FOR INSTRUCTIONAL ANALYSIS. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 106p. 33/04-A, p. 1559 BLE72-26981

BROCKETT, ROGER WARE
THE INVERTIBILITY OF DYNAMIC SYSTEMS WITH APPLICATION TO CONTROL. (PH.D. 1964 CASE WESTERN RESERVE UNIVERSITY) 86p. 24/07, p. 2848 BLE64-00030

BROD, RODNEY LYNN
THE COMPUTER AS AN AUTHORITY FIGURE: SOME EFFECTS OF CAI ON STUDENT PERCEPTION OF TEACHER AUTHORITY. (PH.D. 1972 STANFORD UNIVERSITY) 141p. 33/01-A, p. 139 BLE72-20694

BROGLIO, CARLO JOSEPH
A NEW APPROACH TO TELEMETRY DATA-PROCESSING. (PH.D. 1973 UNIVERSITY OF MARYLAND) 173p. 34/04-B, p. 1511 BLE73-23723

BRONNER, LEEROY
A MINICOMPUTER SOFTWARE SYSTEM FOR DESIGN, ANALYSIS, AND CONTROL OF LARGE-SCALE SYSTEMS. (PH.D. 1973 CASE WESTERN RESERVE UNIVERSITY) 228p. 34/08-B, p. 3821 BLE74-02497

BRONZINI, MICHAEL STEPHEN
ALLOCATION OF COMMODITY FLOWS TO TRANSPORT EQUIPMENT UNITS BY MATHEMATICAL PROGRAMMING. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 138p. 34/08-B, p. 3778 BLE74-04221

BROOK, RICHARD JOHN, SR.
COMPUTER REDUCTION AND RETRIEVAL OF DIALECT DATA: A METHODOLOGY FOR CARTOGRAPHIC AND TABULAR DISPLAY OF LEXICAL AND SOCIOLINGUISTIC VARIATION. (PH.D. 1970 THE UNIVERSITY OF IOWA) 115p. 31/06-A, p. 2898 BLE70-23872

BROOKER, JOHN RAYMOND
SYSTEMS ANALYSIS OF THE UNITED STATES WINTER FRESH TOMATO INDUSTRY. (PH.D. 1973 THE UNIVERSITY OF FLORIDA) 207p. 35/02-A, p. 883 BLE74-19127

BROOKS, JEFFREY NATHANIEL
COMPUTER SIMULATED NONLINEAR IMPULSE RESPONSE OF INHOMOGENEOUS PLASMA SLAB. (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 123p. 34/02-B, p. 863 BLE73-19378

BROOKS, RICHARD CAVETT
COMPUTER DIAGNOSIS OF CONGENITAL HEART DISEASE USING DISCRIMINANT-FUNCTIONS. (PH.D. 1973 UNIVERSITY OF MISSOURI - COLUMBIA) 263p. 35/02-B, p. 793 BLE74-18481

BROOKS, ROBERT ELLISON
THE PROBABILISTIC BEHAVIOR OF TRACKING CONTROL SYSTEMS WITH NOISE DISTURBANCES. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, BERKELEY) 80p. 24/02, p. 668 BLE63-08489

BROOKS, RUVEN EDWARD
A MODEL OF HUMAN COGNITIVE BEHAVIOR IN WRITING CODE FOR COMPUTER PROGRAMS. (VOLUMES I AND II). (PH.D. 1975 CARNEGIE-MELLON UNIVERSITY) 301p. 36/07-B, p. 3638 BLE76-00628

BROTHERS, HARRY RICHARD
THE ADOPTION AND INTRAORGANIZATIONAL DIFFUSION OF ELECTRONIC DATA PROCESSING IN SELECTED SCHOOL SYSTEMS. (ED.D. 1971 THE PENNSYLVANIA STATE UNIVERSITY) 118p. 32/05-A, p. 2332 BLE71-28679

BROUSIL, JAMES KENNETH
PATTERN RECOGNITION OF SHAPE INVARIANT CHARACTERS. (PH.D. 1966 CASE WESTERN RESERVE UNIVERSITY) 129p. 28/03-B, p. 898 BLE67-11546

BROWN, BUCK FERGUSON
SEQUENTIAL SOLUTIONS IN NONLINEAR CONTROL THEORY. (PH.D. 1964 OKLAHOMA STATE UNIVERSITY) 88p. 26/03, p. 1549 BLE65-08700

BROWN, CECIL HOOPER, II
AN ORDINARY LANGUAGE APPROACH TO TRANSFORMATIONAL GRAMMAR AND TO FORMAL SEMANTIC ANALYSIS OF HUASTEC TERMINOLOGICAL SYSTEMS. (PH.D. 1971 TULANE UNIVERSITY) 339p. 32/07-B, p. 3753 BLE72-03868

BROWN, CHARLES MORELL, JR.
THE ADAPTIVE CONTROL OF UNKNOWN SYSTEMS WITH BOUNDED INPUTS. (PH.D. 1975 UNIVERSITY OF MASSACHUSETTS) 138p. 36/06-B, p. 2950 BLE75-27531

BROWN, DAVID JOHN
A GAUGE THEORY OF STRONG INTERACTIONS WITH AN APPLICATION TO THE VECTOR MESON SYSTEM. (PH.D. 1966 CORNELL UNIVERSITY) 74p. 28/01-B, p. 298 BLE67-01449

BROWN, GALEN KENT
MECHANICAL HARVEST SYSTEM SIMULATION AND DESIGN CRITERIA FOR PROCESSING APPLES. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 134p. 33/11-B, p. 5256 BLE73-12882

BROWN, GLENN ROBINS, JR.
DIGITAL COMPUTER SIMULATION OF DISTILLATION TOWER CONTROL. (PH.D. 1958 CASE WESTERN RESERVE UNIVERSITY) 147p. 19/06, p. 1313 BLE58-05568

BROWN, JACK COLE
A COMPARATIVE STUDY LEADING TO THE CREATION OF A MODEL FOR COMPUTER GRAPHICS INSTRUCTION IN POST-SECONDARY SCHOOLS OF TEXAS. (PH.D. 1972 TEXAS A&M UNIVERSITY) 666p. 33/08-B, p. 3608 BLE73-03514

BROWN, JAMES ARTHUR
A GENERALIZATION OF APL (A PROGRAMMING LANGUAGE). (PH.D. 1972 SYRACUSE UNIVERSITY) 285p. 33/01-B, p. 145 BLE72-20311

BROWN, JOE HERBERT, JR.
STABILITY ANALYSIS METHODS FOR FRICTION SYSTEMS. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 149p. 34/02-B, p. 699 BLE73-18870

BROWN, JOHN SEELY
A SYMBIOTIC THEORY FORMATION SYSTEM. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 208p. 33/09-B, p. 4229 BLE73-06799

BROWN, JOHN STEVEN
PROGRAM SCHEMATA AND INFORMATION FLOW: A STUDY OF SOME ASPECTS OF THE SCHEMA-POWER OF DATA STRUCTURES. (PH.D. 1972 CORNELL UNIVERSITY) 181p. 33/09-B, p. 4229 BLE73-05846

BROWN, KAY FREDERICK
THE USE OF INTERACTIVE COMPUTER GRAPHICS FOR TEACHING ELEMENTARY NETWORK ANALYSIS. (PH.D. 1973 UNIVERSITY OF UTAH) 281p. 34/07-B, p. 3198 BLE74-00177

BROWN, KIRBY WILLIAM
A POPULATION APPROACH TO COMPUTER TAXONOMY WITH APPLICATIONS IN THE GENUS GONASIDA (COLEOPTERA: TENEBRIONIDAE). (PH.D. 1971 UNIVERSITY OF CALIFORNIA, RIVERSIDE) 335p. 33/02-B, p. 764 BLE72-22043

BROWN, LLOYD, JR.
SYSTEM INFORMATION PROCESSING AND CHANGE: RESPONSE TO FEEDBACK AT THREE LEVELS OF ANALYSIS. (PH.D. 1971 YALE UNIVERSITY) 257p. 32/03-A, p. 1620 BLE71-22130

BROWN, MARGARET K.
AN INVESTIGATION OF NEWTON-LIKE METHODS FOR CALCULATING CRITICAL POINTS WITH APPLICATIONS TO NONLINEAR BOUNDARY VALUE PROBLEMS. (PH.D. 1972 RENSSELAER POLYTECHNIC INSTITUTE) 198p. 32/12-B, p. 6969 BLE72-18271

BROWN, MARGARET KIMBALL
CULTURAL TRANSFORMATION AMONG THE ILLINOIS: THE APPLICATION OF A SYSTEMS MODEL TO ARCHEOLOGICAL AND ETHNOHISTORICAL DATA. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 210p. 34/03-B, p. 962 BLE73-20316

BROWN, MELVIN
A SYSTEMS APPROACH TO PERFORMANCE EVALUATION IN BASEBALL. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 153p. 32/06-B, p. 3295 BLE72-00023

BROWN, ROBERT ALEXANDER
A SYSTEM ANALYSIS OF DIRECT-DECISION PSYCHOTHERAPY. (PH.D. 1973 UNITED STATES INTERNATIONAL UNIVERSITY) 151p. 34/04-B, p. 1740 BLE73-22654

BROWN, ROBERT CRAIG, JR.
COMPUTER ANALYSIS OF SEGMENTALLY CONSTRUCTED PRESTRESSED BOX GIRDERS. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 273p. 33/09-B, p. 4263 BLE73-07514

BROWN, ROBERT JORDAN, JR.
TRAJECTORY OPTIMIZATION FOR THE COMBINED ESTIMATION AND CONTROL OF NONLINEAR STOCHASTIC SYSTEMS. (PH.D. 1971 GEORGIA INSTITUTE OF TECHNOLOGY) 105p. 32/05-B, p. 2697 BLE71-28089

BROWN, ROBERT JOSEPH
ADAPTIVE MULTIPLE-OUTPUT THRESHOLD SYSTEMS AND THEIR STORAGE CAPACITIES. (PH.D. 1964 STANFORD UNIVERSITY) 99p. 25/07, p. 4037 BLE64-13565

BROWN, THEODORE DAVID
A NETWORK QUEUING MODEL OF A MULTIPROGRAMMED TIME-SHARED COMPUTER SYSTEM. (PH.D. 1971 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 171p. 32/03-B, p. 1498 BLE71-23039

BROWNSCOMBE, THOMAS FAIRCHILD
PART I: A COMPUTER-ASSISTED DERIVATION OF POSSIBLE UNIMOLECULAR PERICYCLIC REACTIONS. PART II: INTRAMOLECULAR ALLENE/DIENE REARRANGEMENTS OF ALPHA-ALLENIC-ALCOHOLS. (PH.D. 1973 RICE UNIVERSITY) 303p. 34/03-B, p. 1035 BLE73-21537

BROYLES, GEORGE DAVID
AN ANALYSIS OF COST GROWTH IN AEROSPACE WEAPONS SYSTEMS PROGRAMS. (PH.D. 1972 THE UNIVERSITY OF ALABAMA) 296p. 32/12-A, p. 6642 BLE72-17116

BRUBAKER, THOMAS ALLEN
THE DESIGN, DEVELOPMENT AND APPLICATIONS OF THE ASTRAC COMPUTER. (PH.D. 1963 THE UNIVERSITY OF ARIZONA) 108p. 24/04, p. 1532 BLE63-06728

BRUCE, GRADY DYSON, JR.
THE APPLICATION OF ELECTRONIC DATA PROCESSING TO RETAIL MERCHANDISE CONTROL. (PH.D. 1963 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 182p. 24/1[illegible] p. 5046 BLE64-05031

BRUCE, PRESTON, JR.
AN ANALYSIS OF FEDERAL DELIVERY SYSTEMS FOR EARLY CHILD DEVELOPMENT SERVICES. (ED.D. 1972 UNIVERSITY OF MASSACHUSETTS) 216p. 33/11-A, p. 5998 BLE73-05527

BRUCE, ROBERT ALLAN
AN INVESTIGATION OF A MULTIPLE ITERATION RATE INCREMENTAL DATA PROCESSOR. (PH.D. 1965 IOWA STATE UNIVERSITY) 83p. 26/09, p. 5332 BLE66-02979

BRUCKER, MAURICE HENRY
A COMPUTER-BASED RETIREMENT PLANNING SYSTEM FOR FARMERS WITH LOW INCOME. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 237p. 34/09-A, p. 5430 BLE74-06536

BRUCKNER, JUERGEN MANFRED HARALD
OPTIMAL CONTROL OF DISCRETE SYSTEMS. (PH.D. 1969 MARQUETTE UNIVERSITY) 113p. 31/03-B, p. 1266 BLE70-11960

BRUHA, GEORGE ROBERT
EFFECT OF STRATEGIC PLANNING DECISIONS ON THE DESIGN OF A CODING PROCESS IN AN ADVANCED INFORMATION SYSTEM. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 201p. 33/06-A, p. 2561 BLE72-32393

BRUMBAUGH, KENNETH ELLIS
AN ANALYSIS OF THE EFFECT OF SELECTED FACTORS UPON THE IMPLEMENTATION OF COMPUTER USAGE IN SECONDARY SCHOOL SCIENCE INSTRUCTION. (PH.D. 1974 WAYNE STATE UNIVERSITY) 191p. 35/07-A, p. 4271 BLE74-29788

BRUMMITT, BRUCE ROBERT, JR.
THE IMPACT OF MACHINE DATA PROCESSING SYSTEMS ON THE CENTRAL SCHOOLS OF NEW YORK STATE. (ED.D. 1965 SYRACUSE UNIVERSITY) 180p. 26/10, p. 5806 BLE66-01008

BRUNDAGE, ROBERT EARL
A STUDY OF PROCESS BEHAVIOR IN VIRTUAL COMPUTER SYSTEMS. (PH.D. 1975 UNIVERSITY OF VIRGINIA) 220p. 36/08-B, p. 3867 BLE75-04665

BRUNET, DOMINIQUE PAULETTE
CONTROL OF HEART RATE DECELERATION USING TWO FEEDBACK SYSTEMS AND THEIR COMBINATION. (PH.D. 1974 UNIVERSITY OF GEORGIA) 53p. 35/08-B, p. 4162 BLE75-02568

BRUNO, JAMES EDWARD
THE USE OF MATHEMATICAL PROGRAMMING MODELS TO OPTIMIZE VARIOUS OBJECTIVE FUNCTIONS OF FOUNDATION TYPE STATE SUPPORT PROGRAMS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 260p. 29/04-A, p. 1064 BLE68-14559

BRUNO, JOAN DOWTY
AUDITING ON-LINE REAL-TIME ELECTRONIC DATA PROCESSING SYSTEMS. (PH.D. 1969 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 168p. 30/11-A, p. 4605 BLE70-09043

BRUNTLETT, JOHN EUGENE
A COMPUTER ASSISTED SIMULATION TO PLAN THE PROGRAM OF AN AREA VOCATIONAL SCHOOL. (ED.D. 1973 UTAH STATE UNIVERSITY) 184p. 33/12-A, p. 6798 BLE73-13289

BRUTSAERT, WILLEM FRANS
IMMISCIBLE MULTIPHASE FLOW IN GROUND WATER HYDROLOGY: A COMPUTER ANALYSIS OF THE WELL FLOW PROBLEM. (PH.D. 1970 COLORADO STATE UNIVERSITY) 129p. 31/07-B, p. 4177 BLE71-02422

BRYAN, CHARLES ALLEN
AN ITERATIVE METHOD FOR SOLVING NONLINEAR SYSTEMS OF EQUATIONS. (PH.D. 1963 THE UNIVERSITY OF ARIZONA) 55p. 24/03, p. 1180 BLE63-06284

BRYAN, ROBERT NEFF
A LINEAR DIFFERENTIAL SYSTEM WITH GENERAL LINEAR BOUNDARY CONDITIONS. (PH.D. 1965 UNIVERSITY OF UTAH) 36p. 26/07, p. 3973 BLE65-14026

BRYANT, PAULINE GORE
DEFINING LOW-ACHIEVING, INNER-CITY THIRD-GRADE STUDENTS' PREFERRED READING MODALITY THROUGH PREDICTION EQUATIONS AND COMPUTER SIMULATION. (ED.D. 1974 UNIVERSITY OF KENTUCKY) 195p. 35/09-A, p. 5769 BLE75-05818

BUBAR, RICHARD HARRIS
ALKALINE-EARTH REGULATION IN BLOOD. PART I. COMPUTER REGULATION OF BLOOD LEVELS OF A RADIONUCLIDE IN VIVO. PART II. REGULATION RESPONSE OF THE GOAT TO A LARGE INTRAVENOUS PULSE OF STABLE CALCIUM. (PH.D. 1973 CORNELL UNIVERSITY) 226p. 34/05-B, p. 2259 BLE73-28274

BUCHANAN, JACK R.
A STUDY IN AUTOMATIC PROGRAMMING. (PH.D. 1974 STANFORD UNIVERSITY) 154p. 35/09-B, p. 4416 BLE75-06814

BUCK, ELIZABETH BELLE
RETENTION AND RETRAINING STRATEGIES: AN OPERATIONS RESEARCH CASE STUDY. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 249p. 33/07-A, p. 3145 BLE72-33901

BUCKLAND, GEORGE HARRIS
BRAIN ELECTROPHYSIOLOGICAL CONCOMITANTS OF HEMISPHERIC LATERALITY WHILE PROCESSING ALTIMETER DISPLAY INFORMATION. (PH.D. 1976 THE UNIVERSITY OF ROCHESTER) 101p. 37/05-B, p. 2559 BLE76-23979

BUCKLEY, PHILIP ALAN
AN ENGINEERING ANALYSIS OF SYSTEMS CONTAINING TIME-VARYING ELEMENTS. (PH.D. 1969 MONTANA STATE UNIVERSITY) 154p. 30/06-B, p. 2686 BLE69-20126

BUCKNER, ROY BERNARD
COMPUTER ANALYSIS AND EVALUATION OF LAND USE SUITABILITY FOR NEW CITIES AND COMMUNITIES. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 437p. 33/12-B, p. 5809 BLE73-09188

BUCKS, JANE ANNE
AN ANALYSIS OF DATA PROCESSING OCCUPATIONS. (ED.D. 1972 OKLAHOMA STATE UNIVERSITY) 187p. 33/12-A, p. 6799 BLE73-15060

BUDIN, MICHAEL ALLAN
PARAMETER IDENTIFICATION AND STATE ESTIMATION FOR LINEAR SYSTEMS. (PH.D. 1970 STANFORD UNIVERSITY) 88p. 31/04-B, p. 1900 BLE70-18381

BUDNER, ALAN
COMPUTER SYNTHESIS OF A CLASS OF IMPEDANCE MATRICES. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 143p. 28/11-B, p. 4572 BLE68-06290

BUDNIK, PAUL PETER, JR.
TECHNIQUES FOR PARALLEL COMPUTER DESIGN. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 273p. 36/09-B, p. 4580 BLE76-06703

BUEHLER, HERBERT HEINRICH
APPLICATION OF A GENERAL THEORY OF EXTREMALS TO OPTIMAL CONTROL PROBLEMS WITH FUNCTIONAL DIFFERENTIAL EQUATIONS. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 145p. 32/05-B, p. 2897 BLE71-27912

BUFF, ROBERT JAMES
THE PREDICTION OF ACADEMIC ACHIEVEMENT IN FORTRAN LANGUAGE PROGRAMMING COURSES. (PH.D. 1972 NEW YORK UNIVERSITY) 138p. 33/05-A, p. 2191 BLE72-26897

BUFFINGTON, CHARLES DUANE
AN ANALYSIS OF THE DECISION-MAKING SYSTEMS WITHIN THE NATIONAL WILDLIFE REFUGE SYSTEM. (PH.D. 1972 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 179p. 33/03-B, p. 973 BLE72-24446

BULGREN, WILLIAM GERALD
COMPUTER SAMPLING STUDY OF TYPE I AND TYPE II ERROR RATES FOR CERTAIN MULTIPLE COMPARISON PROCEDURES. (PH.D. 1965 THE UNIVERSITY OF IOWA) 109p. 26/10, p. 6063 BLE66-03412

BULLIN, JERRY ALLEN
HYBRID COMPUTER SIMULATION OF TURBULENT DIFFUSION IN THE ATMOSPHERE BY MONTE CARLO METHODS. (PH.D. 1972 UNIVERSITY OF HOUSTON) 197p. 33/04-B, p. 1523 BLE72-27521

BULLOCK, JAMES HARVEY
A MODEL-SYSTEMS APPROACH TO THE PLANNING AND CONTROL OF MAINTENANCE COSTS. (PH.D. 1974 OKLAHOMA STATE UNIVERSITY) 221p. 35/11-A, p. 6854 BLE75-08726

BUNCH, JAMES RAYMOND
ON DIRECT METHODS FOR SOLVING SYMMETRIC SYSTEMS OF LINEAR EQUATIONS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 124p. 30/10-B, p. 4687 BLE70-06065

BUONI, FREDERICK BUELL
THE APPLICATION OF BAYESIAN DECISION THEORY TO THE SELECTION OF FUNCTIONAL TEST INTERVALS FOR ENGINEERED SAFETY SYSTEMS. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 179p. 32/04-B, p. 2195 BLE71-27440

BURBANK, HARRY MARVIN, JR.
OPTIMAL CONTROL AND IDENTIFICATION OF STOCHASTIC SYSTEMS USING DIFFERENTIAL GAME THEORY. (D.ENG.SC. 1975 NEW JERSEY INSTITUTE OF TECHNOLOGY) 199p. 36/05-B, p. 2387 BLE75-24622

BURCH, ROGER BRUCE
THE DESIGN OF ELECTRICAL LIGHTING CONTROL SYSTEMS IN THE UNITED STATES. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 206p. 34/02-A, p. 898 BLE73-17137

BURCHWELL, JAMES EDWARD
COMPUTER BASED STUDENT ACHIEVEMENT MONITORING FOR TRAINABLE MENTALLY IMPAIRED STUDENTS AT OAKLAND TRAINING INSTITUTE. (ED.D. 1976 WAYNE STATE UNIVERSITY) 160p. 37/05-A, p. 2782 BLE76-26116

BURDO, RONALD ARNOLD
PHOTOGRAPHIC QUANTITATION IN SPARK SOURCE MASS-SPECTROMETRY USING A DIGITAL DENSITOMETER - COMPUTER SYSTEM AND INTEGRATED ION DENSITY AREAS. (PH.D. 1973 CORNELL UNIVERSITY) 185p. 34/05-B, p. 1912 BLE73-26277

BURES, KENNETH JOSEPH
DATA PROCESSING FOR OBTAINING HIGH RESOLUTION IMAGES OF TROPOSPHERIC RADIO SCATTERERS. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 125p. 32/07-B, p. 3939 BLE71-28880

BURFORD, THOMAS EARL
A STUDY OF STUDENT REACTIONS TOWARDS AUDIO INSTRUCTIONAL SYSTEMS THAT PROVIDE OR DENY MEANS OF INDIVIDUAL CONTROL OF THE PRESENTATION. (PH.D. 1971 SYRACUSE UNIVERSITY) 158p. 32/08-A, p. 4480 BLE72-06560

BURGE, CECIL DWIGHT
A MIXED INTEGER NONLINEAR PROGRAMMING ALGORITHM FOR APPLICATION TO OPTIMAL CONTROL PROBLEMS. (PH.D. 1970 MISSISSIPPI STATE UNIVERSITY) 73p. 31/10-B, p. 5970 BLE71-09826

BURGER, WILLIAM FREDERICK, III
EFFECTS OF VARYING AVAILABILITY OF REMEDIATION ON ABILITY TO CONSTRUCT PROOFS IN A SIMPLE MATHEMATICAL SYSTEM PRESENTED VIA COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 180p. 35/08-A, p. 5146 BLE75-03019

BURGESS, RICHARD CLEMENT
MAGNETIC TAPE RECORDING AND COMPUTER-AIDED REVIEW OF THE ELECTROENCEPHALOGRAM FROM AMBULANT SUBJECTS. (PH.D. 1975 CASE WESTERN RESERVE UNIVERSITY) 369p. 37/03-B, p. 1344 BLE76-18033

BURGESS, WALTER JACKSON
BUSINESS DATA PROCESSING INSTRUCTION AT THE PUBLIC SECONDARY SCHOOL LEVEL IN GEORGIA. (PH.D. 1972 GEORGIA STATE UNIVERSITY - SCHOOL OF EDUCATION) 261p. 33/08-A, p. 4060 BLE73-04340

BURIAN, KURT
STABILITY AND LIMIT CYCLES OF NONLINEAR SYSTEMS. (PH.D. 1959 NORTHWESTERN UNIVERSITY) 91p. 20/06, p. 2196 BLE59-04790

BURKHARDT, KENNETH JOHN, JR.
AN EXTENSIBLE LOGIC MACHINE AUXILIARY PROCESSOR. (PH.D. 1975 UNIVERSITY OF WASHINGTON) 307p. 36/06-B, p. 2917 BLE76-28330

BURKHARDT, SAMUEL FAUST
DESIGN OF SINUSOIDAL-PERTURBATION EXTREMUM-CONTROL SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 185p. 31/11-B, p. 6583 BLE70-24737

BURLEY, JAMES ROBERT
THE LEGAL ENVIRONMENT FOR STRATEGIC VERTICAL MARKETING SYSTEM DESIGN. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 227p. 36/01-A, p. 388 BLE75-14706

BURN, ROBERT DANIEL, JR.
COMPUTER STUDIES OF PLANAR PLASMA CONFIGURATIONS. (PH.D. 1969 STANFORD UNIVERSITY) 75p. 30/12-B, p. 5625 BLE70-10436

BURNER, HARTWELL BLAIR, JR.
AN APPLICATION OF AUTOMATA THEORY TO THE MULTIPLE LEVEL TOP DOWN DESIGN OF DIGITAL COMPUTER OPERATING SYSTEMS. (PH.D. 1973 WASHINGTON STATE UNIVERSITY) 164p. 33/12-B, p. 5763 BLE73-14739

BURNES, BRUCE BENJAMIN
SOME PRINCIPAL DETERMINANTS AND EQUITABLE PERCEPTIONS OF CHIEF EXECUTIVE SALARIES IN THE COMMERCIAL BANKING INDUSTRY: A PARTIAL SUB-SYSTEM ANALYSIS. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 177p. 33/01-A, p. 10 BLE72-20098

BURNETT, GERALD J.
PERFORMANCE ANALYSIS OF INTERLEAVED MEMORY SYSTEMS. (PH.D. 1970 PRINCETON UNIVERSITY) 134p. 31/06-B, p. 3388 BLE70-23804

BURNETTE, CHARLES HAMILTON
AN ORGANIZATION OF INFORMATION FOR COMPUTER-AIDED COMMUNICATION IN ARCHITECTURE. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 163p. 30/06-B, p. 2783 BLE69-21327

BURNKRANT, ROBERT EUGENE
TOWARD A MOTIVATIONAL THEORY OF INFORMATION PROCESSING. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 255p. 35/11-B, p. 5692 BLE75-11564

BURNS, BETTY BERYL REMY
AN ELECTRONIC DATA-PROCESSING SYSTEM FOR THE ORGANIZATION AND DOCUMENTATION OF THE SIXTEENTH-CENTURY MOTET. (PH.D. 1972 UNIVERSITY OF CINCINNATI) 243p. 33/07-A, p. 3691 BLE72-31756

BURNS, DAVID CARLO
AUDIT EVIDENCE EVALUATION USING COMPUTER SIMULATION WITH SPECIAL EMPHASIS ON ASCERTAINING THE RELIABILITY OF ACCOUNTING DATA. (D.B.A. 1972 INDIANA UNIVERSITY, GRADUATE SCHOOL OF BUSINESS) 315p. 32/12-A, p. 6601 BLE72-18466

BURNS, JAMES FRANCIS, III
A MATHEMATICAL PROGRAMMING IDENTIFICATION SYSTEM. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 174p. 30/11-B, p. 5041 BLE70-07784

BURNS, JAMES RICHARD
APPLICATIONS OF CONTROL THEORY TO SYSTEM DYNAMICS MODELS OF SOCIAL SYSTEMS. (PH.D. 1973 PURDUE UNIVERSITY) 324p. 35/01-B, p. 192 BLE74-15132

BURNS, JOHN ALLEN
VARIATIONAL AND OPTIMAL-CONTROL PROBLEMS INVOLVING UNBOUNDED OPERATORS. (PH.D. 1973 THE UNIVERSITY OF OKLAHOMA) 66p. 34/08-B, p. 3909 BLE73-23931

BURNS, RICHARD N.
ON THE DYNAMICS OF MIXED AND ASYMMETRICALLY DAMPED PIECEWISE LINEAR SYSTEMS. (PH.D. 1971 WAYNE STATE UNIVERSITY) 150p. 32/05-B, p. 2736 BLE71-29727

BURNS, WILLIAM J.
A STUDY OF INTERACTION BETWEEN APTITUDE AND TREATMENT IN THE LEARNING OF A COMPUTER PROGRAMMING LANGUAGE. (PH.D. 1973 UNIVERSITY OF MARYLAND) 90p. 35/02-A, p. 904 BLE74-17033

BURNSTEIN, MELINDA FARRILL
HYPOTHESIS TESTING: AN INFORMATION PROCESSING APPROACH. (PH.D. 1975 EMORY UNIVERSITY) 142p. 36/07-B, p. 3639 BLE76-01613

BURR, BRUCE DONALD
STUDENT PARTICIPATION IN THE SELECTION OF INSTRUCTIONAL OBJECTIVES FOR A COMPUTER RESOURCE GUIDE WHICH TEACHERS USE TO PREPLAN THE INDIVIDUALIZATION OF INSTRUCTION. (ED.D. 1971 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 177p. 31/12-A, p. 6484 BLE71-16466

BURRILL, DONAL FAY
COMPUTER-GENERATED ERRORS IN STATISTICAL ANALYSES. (PH.D. 1969 CORNELL UNIVERSITY) 169p. 30/12-B, p. 5739 BLE70-11221

BURRIS, DAVID SHERWIN
DYNAMIC MEMORY MANAGEMENT ALGORITHMS IN A PAGED MEMORY ENVIRONMENT. (PH.D. 1976 TEXAS A&M UNIVERSITY) 122p. 37/03-B, p. 1334 BLE76-20570

BURROUGHS, JOHN DAVID
AN ANALYSIS OF RANDOM PARAMETER-PERTURBING ADAPTIVE SYSTEMS. (PH.D. 1962 STANFORD UNIVERSITY) 117p. 23/06, p. 2056 BLE62-05460

BURTON, CHARLES EDWARD
A NONLINEAR ELECTRICAL ANALOG "BLACK-BOX" SYNTHESIS OF A MESQUITE WOOD THERMAL SYSTEM. (PH.D. 1973 TEXAS TECH UNIVERSITY) 100p. 34/04-B, p. 1512 BLE73-23747

BURZIO, AGOSTINO B.
A STUDY OF SENSITIVITY AND ITS APPLICATIONS IN OPTIMIZATION PROBLEMS AND IN THE CONTROL OF ADAPTIVE SYSTEMS. (PH.D. 1967 THE UNIVERSITY OF SANTA CLARA) 97p. 33/10-B, p. 4800 BLE73-09240

BUSH, RONALD ROSCOE
INFLUENCE OF COGNITIVE STYLE IN A METHODOLOGY FOR DATA BASE DESIGN. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 200p. 36/02-A, p. 582 BLE75-16660

BUSSE, DANIEL EDWARD
IDENTIFICATION AND CONTROL OF LINEAR DISCRETE-TIME SYSTEMS WITH CORRELATED STOCHASTIC PARAMETERS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 105p. 33/01-B, p. 193 BLE72-19603

BUTEN, RICHARD EDWIN
A SCHEDULING MODEL FOR COMPUTER SYSTEMS WITH TWO CLASSES OF PROCESSORS. (PH.D. 1973 PURDUE UNIVERSITY) 86p. 35/01-B, p. 176 BLE74-15133

BUTLER, DAVID ALLEN
OPTIMAL DESIGN OF RELIABLE SYSTEMS. (PH.D. 1975 STANFORD UNIVERSITY) 156p. 36/05-B, p. 2437 BLE75-25500

BUTLER, DONALD CARROLL
AN ANALYSIS OF THE VALUES AND VALUE SYSTEMS REPORTED BY STUDENTS, THE GENERAL PUBLIC, AND EDUCATORS IN A SELECTED APPALACHIAN PUBLIC SCHOOL DISTRICT. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 201p. 34/09-A, p. 5510 BLE74-06015

BUTLER, JAY QUIGLEY
A SYSTEMS APPROACH TO MEASURING THE IMPACT OF INTRA-URBAN INDUSTRIAL LOCATION UPON AN URBAN ENVIRONMENT BY REVENUE-COST ANALYSIS: A STUDY IN URBAN LAND-USE MANAGEMENT. (PH.D. 1975 UNIVERSITY OF WASHINGTON) 160p. 37/02-A, p. 1072 BLE76-17418

BUTLER, JOHN KENNETH
A DIGITAL COMPUTER SYSTEM FOR THE AUTOMATION OF STUDENT PERSONNEL RECORDS. (ED.D. 1969 THE UNIVERSITY OF TENNESSEE) 155p. 30/08-A, p. 3215 BLE70-02098

BUTLER, JOHN KENT
THE DESIGN OF AN ADAPTIVE CONTROL SYSTEM FOR MANAGEMENT OF A STORAGE AND MARKETING FACILITY. (PH.D. 1971 ARIZONA STATE UNIVERSITY) 375p. 31/12-B, p. 7308 BLE71-14435

BUTLER, REGINA WOODY
HAMILTONIAN CIRCUITS ON 3-DIMENSIONAL, 3-VALENT, CONVEX POLYTOPES. (PH.D. 1972 UNIVERSITY OF WASHINGTON) 92p. 33/08-B, p. 3594 BLE73-03681

BUTLER, ROBERT M.
DIGITAL COMPUTER MODEL OF NITRATE PRODUCTION AND MOVEMENT IN ANIMAL WASTE DISPOSAL PLOTS. (PH.D. 1972 THE PENNSYLVANIA STATE UNIVERSITY) 92p. 33/10-B, p. 4775 BLE73-07416

BUTLER, ROBERT STEVEN
THE DESIGN AND IMPLEMENTATION OF A CHEMICAL REACTION ANALYSIS AND MODELING SYSTEM. (PH.D. 1974 THE PENNSYLVANIA STATE UNIVERSITY) 97p. 35/03-B, p. 1229 BLE74-20990

BUTMAN, STANLEY
OPTIMUM LINEAR CODING FOR ADDITIVE NOISE SYSTEMS USING INFORMATION FEEDBACK. (PH.D. 1967 CALIFORNIA INSTITUTE OF TECHNOLOGY) 104p. 28/08-B, p. 3280 BLE68-01670

BUTSON, ALTON THOMAS
SYSTEMS OF LINEAR CONGRUENCES, AND LEFT-ASSOCIATIVITY OF MATRICES, WHOSE ELEMENTS ARE INTEGERS FROM AN ALGEBRA. (PH.D. 1955 MICHIGAN STATE UNIVERSITY) 87p. 15/09, p. 1623 BLE00-12947

BUTTELMANN, HENRY WILLIAM
SYNTAX-SEMANTICS SYSTEMS AS STRUCTURE MANIPULATION SYSTEMS: PHRASE STRUCTURE GRAMMARS AND GENERALIZED FINITE AUTOMATA. (PH.D. 1971 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 150p. 31/11-B, p. 6559 BLE71-11678

BUTTERFIELD, GAIL BOSTELMANN
THE EFFECTS OF SEMANTIC VARIABLES AND CONTEXT ON THE RETRIEVAL OF INFORMATION FROM SEMANTIC MEMORY. (PH.D. 1974 UNIVERSITY OF KANSAS) 84p. 35/09-B, p. 4674 BLE75-06162

BUTTNER, PETER J. R.
ON SYSTEMS ANALYSIS AND ENVIRONMENTAL MODELING. (PH.D. 1974 RENSSELAER POLYTECHNIC INSTITUTE) 313p. 34/12-B, p. 6043 BLE74-12790

BUTZEL, LEO MARTIN
SHOCK SPECTRUM APPROACH TO MAXIMUM DISTORTION ANALYSIS OF LINEAR SYSTEMS. (PH.D. 1971 UNIVERSITY OF WASHINGTON) 120p. 32/03-B, p. 1597 BLE71-24021

BYERS, CARY RANDALL
AN EXPERIMENTAL COMPARISON OF THREE MODES OF COMPUTER-SUPPORTED INSTRUCTION. (PH.D. 1973 UNIVERSITY OF MINNESOTA) 217p. 34/11-A, p. 6938 BLE74-10489

BYERS, JACK AUSTIN
A NONLINEAR COMPUTER MODEL FOR LOW BETA PLASMA INTERCHANGE INSTABILITIES. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 175p. 27/10-B, p. 3622 BLE67-05015

BYRD, GRADY DON
DEVELOPMENT AND EVALUATION OF COMPUTER-ASSISTED INSTRUCTION AND OTHER AUTOTUTORIAL INSTRUCTIONAL MEDIA IN AN UNDERGRADUATE CLINICAL PHARMACY CLERKSHIP PROGRAM. (PH.D. 1975 PURDUE UNIVERSITY) 137p. 36/10-B, p. 4957 BLE76-07068

C

CABE, LEWIS RUSSELL
ESTIMATING UNKNOWNS IN PLANNING, PROGRAMMING AND BUDGETING SYSTEMS: A GENERAL BAYESIAN MODEL. (PH.D. 1971 THE UNIVERSITY OF ALABAMA) 130p.
32/05-B, p. 3057 BLE71-29202

CADENHEAD, CLARENCE TANDY, JR.
COMPUTER-AIDED MINIMIZATION OF NETWORK SENSITIVITY. (PH.D. 1968 SOUTHERN METHODIST UNIVERSITY) 170p. 29/10-B, p. 3740 BLE69-05518

CADWGAN, GORDON EUGENE, JR.
THE DESIGN AND CONSTRUCTION OF TWO FLUORESCENCE DETECTION SYSTEMS AND THEIR APPLICATION IN AUTOMATIC CONSTANT CURRENT COULOMETRIC DETERMINATIONS. (PH.D. 1976 UNIVERSITY OF MASSACHUSETTS) 171p.
37/01-B, p. 178 BLE76-14635

CAHN, DAVID FELIX
PATTERN RECOGNITION IN LEARNING MODELS OF VISUAL CORTEX: CAPABILITIES AND LIMITS OF CANDIDATE CODING TECHNIQUES. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 417p.
37/01-B, p. 345 BLE76-15127

CAIMI, FRANK MICHAEL
PHOTODICHROIC SODIUM-FLUORIDE IN OPTICAL DATA PROCESSING. (PH.D. 1976 CARNEGIE-MELLON UNIVERSITY) 173p. 37/05-B, p. 2414 BLE76-26267

CAIN, CHARLES ALAN
A CONTROL SYSTEMS STUDY OF THE HUMAN OCULOMOTOR PREDICTIVE TRACKING MECHANISM. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 201p.
33/11-B, p. 5259 BLE73-11062

CAIN, JAMES THOMAS
FUEL-OPTIMAL CONTROL OF CONTINUOUS-TIME AND DISCRETE-TIME SYSTEMS. (PH.D. 1970 UNIVERSITY OF PITTSBURGH) 180p.
32/01-B, p. 286 BLE71-18136

CALDERON, ENRIQUE ALZATI
A MULTILINGUAL COMPILER FOR STACK-ORIENTED COMPUTERS. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 230p.
30/11-B, p. 5008 BLE70-07786

CALDWELL, GEORGE LAFAYETTE, III
COMPUTER SIMULATION OF PLASMA INJECTION AND TRAPPING IN A LINEAR OCTUPOLE . (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 147p.
31/04-B, p. 2211 BLE70-18213

CALDWELL, ROBERT MCKINLEY
A COMPARISON OF A PROGRAMMED TEXT AND A COMPUTER BASED DISPLAY UNIT TO TEACH READING SKILLS TO SEMI-LITERATE ADOLESCENTS. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 219p. 35/03-A, p. 1491 BLE74-20910

CALE, WILLIAM GRAHAM, JR.
SIMULATION AND SYSTEMS ANALYSIS OF A SHORTGRASS PRAIRIE ECOSYSTEM. (PH.D. 1975 UNIVERSITY OF GEORGIA) 267p.
36/09-B, p. 4293 BLF76-06381

CALISE, ANTHONY JOHN
STATISTICAL DESIGN OF SAMPLED-DATA CONTROL SYSTEMS VIA QUADRATIC PROGRAMMING. (PH.D. 1968 UNIVERSITY OF PENNSYLVANIA) 88p.
29/07-B, p. 2429 BLE69-00071

CALL, DUANE BOWEN
STORAGE, RETRIEVAL, AND SWITCHING OF DIGITIZED AUDIO WAVEFORMS. (PH.D. 1971 UNIVERSITY OF UTAH) 108p.
32/06-B, p. 3296 BLE72-01146

CALLAHAN, LESLIE GRIFFIN, JR.
OPTIMUM LINEAR FILTERING FOR LINE SCAN IMAGING SYSTEMS. (PH.D. 1961 UNIVERSITY OF PENNSYLVANIA) 149p. 23/01, p. 182 BLE62-02823

CALLERO, MONTI DON
AN ADAPTIVE COMMAND AND CONTROL SYSTEM UTILIZING HEURISTIC LEARNING PROCESSES. (PH.D. 1968 STANFORD UNIVERSITY) 168p.
29/02-B, p. 620 BLE68-11276

CALLIGAN, CHRISTOPHER CRAM
A COMPUTER SIMULATION MODEL OF LAND USE DYNAMICS IN THE STATE OF OREGON. (PH.D. 1975 OREGON STATE UNIVERSITY) 183p.
36/05-B, p. 2432 BLE75-26063

CAMBRON, THOMAS MICHAEL
PATTERN RECOGNITION APPLIED TO PHONOCARDIOGRAM DIAGNOSIS. (PH.D. 1971 UNIVERSITY OF SOUTH CAROLINA) 190p.
32/05-B, p. 2699 BLE71-28694

CAMILLUS, JOHN CAIUS
FORMAL PLANNING SYSTEMS: THE CONTROL CONSIDERATIONS IN DESIGN. (D.B.A. 1972 HARVARD UNIVERSITY) 468p. 33/11-A, p. 5890 BLE73-10497

CAMPBELL, ELLEN DE DREUX
APPLICATION OF TURBID MEDIUM THEORY TO METALLIC PAINT SYSTEMS. (PH.D. 1972 RENSSELAER POLYTECHNIC INSTITUTE) 171p.
33/09-B, p. 4213 BLE73-07385

CAMPBELL, JERRY HAMILTON
A SOFTWARE ORGANIZATION FOR THE CONTROL OF MULTIPLE PROCESSES. (PH.D. 1974 IOWA STATE UNIVERSITY) 131p. 35/05-B, p. 2137 BLE74-23726

CAMPBELL, RICHARD ALBERT
PERFORMANCE OF TWIN GYRO ATTITUDE CONTROL SYSTEM INCLUDING PASSIVE COMPENSATION AND NONLINEAR CONTROL LAW. (PH.D. 1969 THE UNIVERSITY OF ALABAMA) 135p.
30/08-B, p. 3665 BLE70-01372

CAMPBELL, RICHARD LEE
INDUCED MORPHISMS ON THE SEMIGROUPS OF AUTOMATA: A VIEW OF AUTOMATA THEORY FROM CATEGORY THEORY. (PH.D. 1968 CASE WESTERN RESERVE UNIVERSITY) 92p.
30/09-B, p. 4247 BLE70-05007

CAMPBELL, WARREN COLMAN
COMPUTER ANALYSIS OF MUSICAL PERFORMANCE. (PH.D. 1970 THE UNIVERSITY OF CONNECTICUT) 84p. 31/12-A, p. 6366 BLE71-15966

CANNARA, ALEXANDER BELLOWS
EXPERIMENTS IN TEACHING CHILDREN COMPUTER PROGRAMMING. (PH.D. 1976 STANFORD UNIVERSITY) 177p. 37/05-A, p. 2511 BLE76-25978

CANNON, DON LEE
COMPUTER-AIDED INTEGRATED CIRCUIT RELIABILITY ANALYSIS. (PH.D. 1970 UNIVERSITY OF HOUSTON) 268p. 31/12-B, p. 7286 BLE71-15466

CANNON, LYNN ELLIOT
A CELLULAR COMPUTER TO IMPLEMENT THE KALMAN FILTER ALGORITHM. (PH.D. 1969 MONTANA STATE UNIVERSITY) 228p.
30/12-B, p. 5493 BLE70-10025

CAPE, ROBERT EDWARD
SHARING OF PRIMARY MEMORY IN COMPUTER SYSTEMS. (PH.D. 1972 RENSSELAER POLYTECHNIC INSTITUTE) 157p. 33/12-B, p. 5763 BLE73-14193

CAPINPIN, ROBERT D.
CHAIN ADDITION POLYMERIZATIONS WITH TEMPERATURE VARIATIONS - A COMPUTER STUDY. (PH.D. 1976 STEVENS INSTITUTE OF TECHNOLOGY) 277p. 37/05-B, p. 2393 BLE76-25159

CAPPELLA, JOSEPH NICHOLAS
DYNAMIC MATHEMATICAL MODELS OF DYADIC INTERACTION BASED ON INFORMATION PROCESSING ASSUMPTIONS. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 152p.
36/01-B, p. 490 BLE75-14712

CAPUTI, WILLIAM JAMES, JR.
DATA BASED SECOND-ORDER PHASE ERROR ESTIMATION AND CONTROL IN COHERENT IMAGE FORMING SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF MICHIGAN) 143p. 34/04-B, p. 1612 BLE73-24536

CARASSO, ALFRED SAMUEL
AN ANALYSIS OF NUMERICAL METHODS FOR PARABOLIC PROBLEMS OVER LONG TIMES. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 127p. 30/01-B, p. 277 BLE69-00684

CARAYANNOPOULOS, GEORGE LEONIDAS
SOME PRACTICAL ASPECTS OF PATTERN RECOGNITION. (PH.D. 1973 PURDUE UNIVERSITY) 138p. 34/09-B, p. 4371 BLE74-04940

CARBALLO, JORGE ALBERTO
MICROSCOPIC ANALYSIS OF INTERACTING ELEMENTARY EXCITATIONS IN BOSE SYSTEMS. (PH.D. 1975 UNIVERSITY OF VIRGINIA) 156p.
36/04-B, p. 1764 BLE75-22123

CARBONE, ROBERT
THE DESIGN OF AN AUTOMATED MASS APPRAISAL SYSTEM USING FEEDBACK. (PH.D. 1976 CARNEGIE-MELLON UNIVERSITY) 134p.
37/03-B, p. 1325 BLE76-18072

CARDILLO, GERARD PETER
OPTIMUM FINITE SEQUENTIAL PATTERN RECOGNITION. (PH.D. 1967 PURDUE UNIVERSITY) 186p. 28/11-B, p. 4573 BLE68-06286

CAREY, ROGER NEILL
PART I. LABTRAN, A LANGUAGE AND SYSTEM FOR PROGRAMMING CHEMICAL EXPERIMENTS. PART II. POLAROGRAPHIC BEHAVIOR OF SOME GROUP-IVB DERIVATIVES OF NAPHTHALENE. (PH.D. 1972 DUKE UNIVERSITY) 155p. 33/10-B, p. 4700 BLE73-08554

CARLISLE, JAMES HOLLEN
MAN-COMPUTER INTERACTIVE PROBLEM-SOLVING–RELATIONSHIPS BETWEEN USER CHARACTERISTICS AND INTERFACE COMPLEXITY. (PH.D. 1974 YALE UNIVERSITY) 264p. 35/05-B, p. 2137 BLE74-25725

CARLOCK, GAYLORD WAYNE
ALGORITHMS FOR SENSITIVITY AND ERROR ANALYSIS OF COMBINED ESTIMATION AND CONTROL SYSTEMS. (PH.D. 1974 SOUTHERN METHODIST UNIVERSITY) 118p.
35/07-B, p. 3326 BLE75-01186

CARLSEN, KJELL
OPTIMAL TRANSIENT CONTROL OF A POWER SYSTEM THROUGH EXCITATION CONTROL OF A TWO-FIELD SYNCHRONOUS MACHINE. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 183p.
32/04-B, p. 2157 BLE71-20658

CARLSON, CARL ROBERT
A STUDY OF THE APPLICABILITY OF THE VIENNA DEFINITION LANGUAGE (VDL) TO THE SPECIFICATION OF THE SEMANTICS OF THE NEXT EVENT SIMULATION CONCEPT. (PH.D. 1972 THE UNIVERSITY OF IOWA) 178p.
33/07-B, p. 3031 BLE73-00601

CARLSON, DAVID MARTIN
PRODUCING AN ORGANIZATIONAL PLAN FOR COMPUTERIZED INFORMATION SYSTEM DEVELOPMENT. (PH.D. 1975 THE UNIVERSITY OF MICHIGAN) 120p. 36/06-B, p. 2918 BLE75-29187

CARLSON, ERIC DANIEL
TECHNIQUES FOR ANALYSIS OF GENERALIZED DATA BASE MANAGEMENT SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 220p. 33/03-B, p. 1082 BLE72-24773

CARLSON, FREDERIC ROY, JR.
A DESIGN PROCESS FOR COMPUTER BASED INSTRUCTIONAL SYSTEMS. (PH.D. 1970 UNIVERSITY OF SOUTHERN CALIFORNIA) 106p.
31/07-A, p. 3406 BLE70-26514

CARLSON, RAYMOND GUNNAR
ON THE PARAMETRIC EXCITATION OF A CERTAIN STRONGLY NONLINEAR SYSTEM. (D.ENG. 1966 YALE UNIVERSITY) 115p. 30/02-B, p. 685 BLE69-12573

CARLSON, RICHARD GLENN
COMBINED RANDOM AND PERIODIC VIBRATIONS OF LINEAR SYSTEMS. (PH.D. 1967 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 67p.
28/12-B, p. 5056 BLE68-08039

CARNAGHIE, JOHN ARTHUR
RELIABILITY ANALYSIS OF MODULAR UNINTERRUPTIBLE POWER SYSTEMS. (PH.D. 1971 UNIVERSITY OF MISSOURI - COLUMBIA) 242p.
33/01-B, p. 194 BLE72-19192

CARNEY, DAVID LANE
MULTIPROCESSOR IMPLEMENTATIONS OF PROGRAMS. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 228p. 33/06-B, p. 2555 BLE72-32397

CARNEY, TERRANCE MAGOUN
ON JOINT ESTIMATION OF THE STATE AND PARAMETERS FOR AN AUTONOMOUS LINEAR SYSTEM BASED ON MEASUREMENTS CONTAINING NOISE. (PH.D. 1967 RICE UNIVERSITY) 75p.
28/05-B, p. 1950 BLE67-13057

CARPENTER, STEWART BARNETT
THE DESIGN FOR A COMPUTERIZED INFORMATION CATALOGING SYSTEM FOR REGIONAL WATER RESOURCES APPLICATION. (PH.D. 1972 TEXAS A&M UNIVERSITY) 196p. 33/11-B, p. 5240 BLE73-12246

CARRIVEAU, KENNETH LOUIS
DEVELOPMENT AND VALIDATION OF A COMPUTER-BASED MODEL FOR DESIGNING TWO-YEAR COLLEGE INSTRUCTIONAL RESOURCE CENTER FACILITIES. (PH.D. 1975 UNIVERSITY OF PITTSBURGH) 147p.
37/05-A, p. 2467 BLE76-14114

CARROLL, DAVID RANDOLPH
COMPUTER-BASED CONTROL OF AN ARTIFICIAL HEART SYSTEM. (PH.D. 1972 IOWA STATE UNIVERSITY) 154p. 33/08-B, p. 3616 BLE73-03865

CARROLL, DENNIS PATRICK
HYBRID COMPUTER SIMULATION TECANIQUES AND PERTURBATION METHODS OF ANALYSIS FOR THE STUDY OF DC POWER TRANSMISSION SYSTEMS. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 169p. 31/02-B, p. 680 BLE70-03490

CARROLL, JOHN MILLAR
COMPUTER SELECTION OF KEYWORDS USING WORD-FREQUENCY ANALYSIS. (ENG.SC.D. 1968 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 138p. 29/12-B, p. 4665 BLE69-07713

CARROLL, RICHARD WALTER
COMPUTER-AIDED DESIGN OF SYSTEMS WITH RANDOM PARAMETERS. (PH.D. 1973 THE UNIVERSITY OF IOWA) 103p.
34/09-B, p. 4372 BLE74-07368

CARROLL, ROBERT LEE, JR.
THE ADAPTIVE OBSERVER (A SCHEME FOR GENERATING THE STATE AND IDENTIFYING THE PARAMETERS OF A LINEAR TIME-INVARIANT DYNAMICAL SYSTEM). (PH.D. 1973 THE UNIVERSITY OF CONNECTICUT) 160p.
35/02-B, p. 820 BLE74-16755

CARRUTH, EDWIN RONALD
A MULTIPLE LINEAR REGRESSION ANALYSIS OF COMPUTER-ASSISTED ELEMENTARY ARITHMETIC ACHIEVEMENT. (ED.D. 1970 UNIVERSITY OF SOUTHERN MISSISSIPPI) 169p.
31/11-A, p. 5691 BLE71-13684

CARTER, DEANE MILTON
A STUDY OF OFFICE TRAINING PROGRAMS FOR DATA-PROCESSING PERSONNEL IN SELECTED BUSINESSES IN METROPOLITAN DENVER, COLORADO, WITH IMPLICATIONS FOR BUSINESS EDUCATION IN THE SECONDARY SCHOOLS. (PH.D. 1965 THE UNIVERSITY OF IOWA) 379p.
26/05, p. 2521 BLE66-11601

CARTER, MICHAEL CLEVELAND
A BAYESIAN ANALYSIS OF CONCOMITANT INFORMATION. (PH.D. 1970 UNIVERSITY OF GEORGIA) 164p. 31/11-B, p. 6979 BLE71-13035

CARTER, PHILLIP LEE
A BAYESIAN DECISION THEORY APPROACH TO PROCESS CONTROL. (D.B.A. 1970 INDIANA UNIVERSITY, GRADUATE SCHOOL OF BUSINESS)
31/11-A, p. 5588 BLE71-11644

CARTHEL, JAMES THOMAS
AN APPLICATION OF A SYSTEMS ANALYSIS MODEL TO THE EVALUATION OF AN INSTRUCTIONAL IMPROVEMENT PROGRAM. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 146p.
34/05-A, p. 2196 BLE73-25966

CARUSO, DOROTHY ELAINE FURNIER
AN EXPERIMENT TO DETERMINE THE EFFECTIVENESS OF AN INTERACTIVE TUTORIAL PROGRAM, IMPLEMENTED ON THE TIME SHARING IBM SYSTEM 360, MODEL 50, IN TEACHING A SUBJECT-ORIENTED USER TO FORMULATE INQUIRY STATEMENTS TO A COMPUTERIZED ON-LINE INFORMATION RETRIEVAL SYSTEM. (PH.D. 1969 UNIVERSITY OF PITTSBURGH) 191p. 30/08-A, p. 3484 BLE70-02061

CARUSO, JOHN L.
AN INFORMATION PROCESSING ANALYSIS OF CHILDREN'S CONCEPTUAL BEHAVIOR IN AN ATTRIBUTE IDENTIFICATION TASK. (PH.D. 1972 UNIVERSITY OF PITTSBURGH) 128p.
33/12-B, p. 6102 BLE73-13201

CARY, STEDMAN EUGENE
A PERFORMANCE OPTIMIZATION MODEL OF PROCESSOR SCHEDULING FOR A TIME-SHARING COMPUTER SYSTEM. (PH.D. 1973 TEXAS A&M UNIVERSITY) 161p. 34/07-B, p. 3198 BLE74-00999

CASALI, VICENTE WAGNER DIAS
FIELD AND COMPUTER SIMULATION STUDIES OF EFFICIENCY OF SINGLE SEED DESCENT FOR IMPROVEMENT OF SELF-POLLINATED CROPS. (PH.D. 1973 PURDUE UNIVERSITY) 135p.
35/01-B, p. 12 BLE74-15137

CASASAYAS-GUILLEN, FRANCISCO
AN OPTICAL/DIGITAL PROCESSOR FOR REAL-TIME RADAR PROCESSING. (PH.D. 1974 CARNEGIE-MELLON UNIVERSITY) 218p. 34/11-B, p. 5463 BLE74-11366

CASBERGUE, JOHN PAUL
COMPUTER-ASSISTED INSTRUCTION IN HEALTH PROFESSIONS EDUCATION: GUIDELINES FOR UTILIZATION. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 130p. 35/06-B, p. 2834 BLE74-27397

CASCIANO, ROBERT M.
INVESTIGATION OF A DIFFERENTIAL EQUATION-MODEL-REFERENCE ADAPTIVE PROCESS CONTROL SYSTEM. (SC.D. 1966 STEVENS INSTITUTE OF TECHNOLOGY) 98p.
27/09-B, p. 3085 BLE66-12782

CASE, GLENN RONALD
MODELS FOR THE PN DIODE AND THE NPN AND PNP TRANSISTOR FOR USE IN COMPUTER AIDED DESIGN AND ANALYSIS PROGRAMS. (PH.D. 1969 UNIVERSITY OF MISSOURI - ROLLA) 234p.
30/05-B, p. 2165 BLE69-19424

CASE, MERL EDWARD
THE APPLICATIONS OF COMPUTER GRAPHICS IN INDUSTRY AND IMPLICATIONS FOR DRAFTING CURRICULUM ON THE COLLEGE LEVEL. (ED.D. 1971 UNIVERSITY OF NORTHERN COLORADO) 173p.
32/10-A, p. 5583 BLE72-13306

CASERTA, KEITH JOSEPH
A COMPUTER-INTERACTIVE BIPOLAR PULSE CONDUCTANCE SYSTEM. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 347p.
35/09-B, p. 4351 BLE75-07137

CASHMAN, WILLIAM FRANCIS
AN INVESTIGATION OF SUBOPTIMAL STOCHASTIC CONTROL FOR A CLASS OF STOCHASTIC SATURATING SYSTEMS. (PH.D. 1970 NORTHEASTERN UNIVERSITY) 166p. 32/06-B, p. 3349 BLE72-00589

CASON, CAROLYN LEONIE HULDA HUEBNER
A THEORY OF HYPOTHESIS GENERATION IN CONCEPT LEARNING: AN INFORMATION PROCESSING APPROACH. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 175p. 33/09-A, p. 4930 BLE73-07526

CASSIDY, JOHN F., JR.
OPTIMAL CONTROL WITH UNAVAILABLE STATES. (PH.D. 1969 RENSSELAER POLYTECHNIC INSTITUTE) 267p. 30/02-B, p. 641 BLE69-13673

CASTLEBERRY, SAMUEL JOSEPH
THE DEVELOPMENT AND EVALUATION OF COMPUTER ASSISTED INSTRUCTION PROGRAMS ON SELECTED TOPICS IN INTRODUCTORY COLLEGE CHEMISTRY. (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 1310p. 31/04-A, p. 1679 BLE70-18214

CATMULL, EDWIN EARL
A SUBDIVISION ALGORITHM FOR COMPUTER DISPLAY OF CURVED SURFACES. (PH.D. 1974 UNIVERSITY OF UTAH) 83p. 35/09-B, p. 4416 BLE75-04786

CAVIN, RALPH KEARY, III
QUANTIZATION ERROR-BOUNDS FOR HYBRID CONTROL SYSTEMS. (PH.D. 1968 AUBURN UNIVERSITY) 98p. 29/04-B, p. 1354 BLE68-13483

CAWLEY, CLAUDE THOMPKINS
DEVELOPING A COMPUTER SIMULATION MODEL FOR SYSTEMS IN HIGHER EDUCATION. (PH.D. 1968 UNIVERSITY OF UTAH) 337p. 29/09-A, p. 2918 BLE69-03661

CAYEN, WILLIAM FREDRICK
DATA PROCESSING OF STUDENT SERVICES AND THE ADMINISTRATIVE COORDINATION IN SELECTED HIGH SCHOOLS OF MICHIGAN. (PH.D. 1976 THE UNIVERSITY OF MICHIGAN) 189p. 37/02-A, p. 722 BLE76-19103

CEDERQUIST, GERALD NORMAN
THE USE OF COMPUTER-GENERATED PICTURES TO EXTRACT INFORMATION FROM UNDERWATER ACOUSTIC TRANSFER FUNCTION DATA. (PH.D. 1975 THE UNIVERSITY OF MICHIGAN) 204p. 36/03-B, p. 1115 BLE75-20310

CEGLA, URIEL G.
THE DESIGN OF FEEDBACK CONTROL FOR SYSTEMS WITH STATIONARY STOCHASTIC DISTURBANCES. (PH.D. 1969 CITY UNIVERSITY OF NEW YORK) 253p. 30/09-B, p. 4113 BLE70-01102

CERF, VINTON GRAY
MULTIPROCESSORS, SEMAPHORES, AND A GRAPH MODEL OF COMPUTATION. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 337p. 33/02-B, p. 676 BLE72-22186

CERULLO, MICHAEL JOSEPH
AN EVALUATION OF SERVICES AND SATISFACTION OF EDP (ELECTRONIC DATA PROCESSING) SERVICE BUREAU CLIENTS AND THE IMPLICATIONS TO THE ACCOUNTING PROFESSION. (PH.D. 1971 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 300p. 32/07-A, p. 3480 BLE72-03473

CERVINKA, VACLAV
ENGINEERING ANALYSIS OF RICE PRODUCTION SYSTEMS. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, DAVIS) 207p. 34/01-B, p. 189 BLE73-16894

CHA, CHARLES WEI-YUAN
MULTIPLE FAULT DIAGNOSIS IN COMBINATIONAL NETWORKS. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 119p. 35/11-B, p. 5377 BLE75-11631

CHA, LIN-CHUAN
ANALYSES OF FLOW SYSTEMS AND THEIR APPLICATIONS TO REACTOR DESIGN. (PH.D. 1965 KANSAS STATE UNIVERSITY) 260p. 26/06, p. 3184 BLE65-12628

CHABAY, RUTH WRIGHT
THE DESIGN AND EVALUATION OF COMPUTER-BASED CHEMISTRY LESSONS. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 202p. 36/05-B, p. 2173 BLE75-24275

CHADDERTON, RONALD ALLAN
COMPUTER SIMULATION OF PH DETERMINING PARAMETERS IN SURFACE IMPOUNDMENTS. (PH.D. 1976 CARNEGIE-MELLON UNIVERSITY) 207p. 37/05-B, p. 2405 BLE76-23471

CHADHA, KANWAR JIT SINGH
CONTROLLABILITY, OBSERVABILITY AND MODELLING OF DISCRETE-EVENT SYSTEMS. (PH.D. 1973 CASE WESTERN RESERVE UNIVERSITY) 129p. 34/01-B, p. 249 BLE73-16119

CHADWICK, CLIFTON BRUCE
A SYSTEMS ANALYSIS AND DESIGN FOR THE DEVELOPMENT OF EDUCATIONAL TECHNOLOGY IN A DEVELOPING COUNTRY: THE CASE OF ARGENTINA. (PH.D. 1972 THE FLORIDA STATE UNIVERSITY) 256p. 35/02-A, p. 714 BLE74-18010

CHAI, JAMES WEN-YU
DETAILED DESIGN OF STRUCTURAL FRAMES BY MATHEMATICAL PROGRAMMING. (PH.D. 1970 UNIVERSITY OF MISSOURI - COLUMBIA) 215p. 31/11-B, p. 6596 BLE71-08297

CHAKRAVARTY, SHANTI P.
FREQUENCY DOMAIN STABILITY CRITERIA FOR NONLINEAR SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF ROCHESTER) 128p. 32/03-B, p. 1560 BLE71-22287

CHALMERS, MARY EATON
A STUDY OF TRAINING METHODOLOGY FOR INFORMATION RETRIEVAL SYSTEMS. (PH.D. 1975 UNIVERSITY OF PITTSBURGH) 112p. 36/04-A, p. 1877 BLE75-22236

CHAMBERS, RIDGELY WHITE
INFORMATION PROCESSING CAPACITY IN SINGLE AND DUAL SENSORY CHANNELS. (PH.D. 1963 THE UNIVERSITY OF ARIZONA) 104p. 24/04, p. 1706 BLE63-06645

CHAMMAS, ALBERT BEN
THE DESIGN OF LINEAR SYSTEMS BY DISCRETE OUTPUT FEEDBACK. (PH.D. 1976 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 214p. 37/03-B, p. 1393 BLE76-20192

CHAMPINE, GEORGE ALLEN
A TOTAL LIFE CYCLE COST MODEL FOR A COMPUTER SYSTEM. (PH.D. 1975 UNIVERSITY OF MINNESOTA) 321p. 36/07-A, p. 4601 BLE76-00432

CHAN, MAN LOONG
OPTIMAL REAL-TIME CONTROL OF URBAN STORMWATER DRAINAGE. (PH.D. 1974 CORNELL UNIVERSITY) 178p. 35/08-B, p. 3900 BLE75-04244

CHAN, MENG SAM
OPTIMIZATION OF THE SIZE AND THE LOCATION OF STEEL MEMBERS OF A GRIDWORK BY MATHEMATICAL PROGRAMMING. (PH.D. 1971 OKLAHOMA STATE UNIVERSITY) 165p. 33/02-B, p. 702 BLE72-21846

CHAN, PAUL SUI-YUEN
AN INVESTIGATION OF SYMMETRIC RADIX FOR COMPUTER ARITHMETIC. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 158p. 34/11-B, p. 5414 BLE74-10927

CHAN, RICHARD TZU-CHYAU
A SYNTAX-DIRECTED COMPUTER ORIENTED NETWORK-SYNTHESIS PROGRAMMING LANGUAGE AND SYSTEM. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 277p. 34/06-B, p. 2557 BLE73-28681

CHAN, SHU-YUN
ANALYSIS OF VARIATIONS IN OPTIMAL CONTROL SYSTEMS SUBJECT TO DETERMINISTIC AND STOCHASTIC DISTURBANCES. (PH.D. 1965 THE UNIVERSITY OF MICHIGAN) 186p. 26/11, p. 6602 BLE66-05044

CHAN, WAH-CHUN
THE DERIVATION OF OPTIMAL CONTROL LAWS AND THE SYNTHESIS OF REAL-TIME OPTIMAL CONTROLLERS FOR A CLASS OF DYNAMIC SYSTEMS. (PH.D. 1965 THE UNIVERSITY OF BRITISH COLUMBIA (CANADA)) 118p. 26/08, p. 4536 BLE65-11122

CHAN, WAI LEUNG
COMPLEMENTARY VARIATIONAL-PRINCIPLE AND DUALITY IN OPTIMAL-CONTROL. (PH.D. 1973 UNIVERSITY OF TORONTO (CANADA)) 83p. 35/02-B, p. 859 BLE74-16916

CHANCE, WILLIAM ALAN
TWO COMPUTER MODELS OF ECONOMIC ACTIVITY, WITH A TEST OF MODEL II AGAINST THE PERFORMANCE OF THE UNITED STATES ECONOMY IN THE PERIOD 1951-1959. (PH.D. 1964 UNIVERSITY OF KANSAS) 289p. 25/10, p. 5619 BLE65-00565

CHANDLER, DONALD STEWART
A NUMERICAL ANALYSIS OF THE NEW WORLD NOTOXUS WITH A REVISION OF THE CENTRAL AMERICAN SPECIES. (PH.D. 1976 THE OHIO STATE UNIVERSITY) 263p. 37/05-B, p. 2056 BLE76-24576

CHANDRA, ASHOK KUMAR
ON THE PROPERTIES AND APPLICATIONS OF PROGRAM SCHEMAS. (PH.D. 1973 STANFORD UNIVERSITY) 239p. 34/03-B, p. 1065 BLE73-20466

CHANDRA, JAGDISH
OSCILLATIONS IN PIECEWISE-LINEAR SYSTEMS AND THE APPROXIMATE DETERMINATION OF PERIODIC SOLUTIONS IN NONLINEAR SYSTEMS. (PH.D. 1966 RENSSELAER POLYTECHNIC INSTITUTE) 68p. 27/10-B, p. 3590 BLE67-04159

CHANDRA, SATISH
LINEAR PREDICTIVE SPEECH COMPRESSION SYSTEM AND ITS EVALUATION. (PH.D. 1974 CASE WESTERN RESERVE UNIVERSITY) 232p. 35/09-B, p. 4419 BLE75-05065

CHANDRASEKARAN, BALAKRISHNAN
CONTRIBUTIONS TO THE THEORY OF LEARNING AUTOMATA. (PH.D. 1967 UNIVERSITY OF PENNSYLVANIA) 164p. 28/04-B, p. 1500 BLE67-12735

CHANG, ALBERT
OPTIMAL CONTROLS FOR LINEAR SYSTEMS AND THE MAXIMUM PRINCIPLE. (PH.D. 1964 UNIVERSITY OF CALIFORNIA, BERKELEY) [illegible]1p. 25/03, p. 1813 BLE64-[illegible]998

CHANG, CHI SHEN
APPROXIMATE OPTIMIZATION OF CONTROL SYSTEMS USING OPERATIONS RESEARCH. (D.ENG.SC. 1963 RENSSELAER POLYTECHNIC INSTITUTE) 141p. 26/05, p. 2641 BLE65-09443

CHANG, CHIENG-YI
ON THE EXISTENCE OF GLOBALLY STABLE LIMIT SETS AND LAGRANGE STABILITY OF MULTIDIMENSIONAL NONLINEAR SYSTEMS. (PH.D. 1968 RICE UNIVERSITY) 56p. 29/05-B, p. 1749 BLE68-15606

CHANG, CHIN-LIANG
FUZZY SETS AND PATTERN RECOGNITION. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, BERKELEY) 53p. 29/01-B, p. 177 BLE68-10297

CHANG, FEG-WEN
DISCRETE MODELING OF FLOW SYSTEMS. (PH.D. 1976 OREGON STATE UNIVERSITY) 117p. 37/04-B, p. 1791 BLE76-23507

CHANG, JIAN KONG
DECISION RULES AND MEASUREMENT SELECTION IN PATTERN RECOGNITION THEORY. (PH.D. 1973 UNIVERSITY OF MISSOURI - COLUMBIA) 154p. 35/02-B, p. 820 BLE74-18492

CHANG, JOHN HSI-TEH
ADAPTIVE ARRAY PROCESSORS. (PH.D. 1969 YALE UNIVERSITY) 191p. 30/09-B, p. 4128 BLE70-02705

CHANG, JOHN W.
BIASED ESTIMATION FOR LINEAR DISCRETE DYNAMIC SYSTEMS. (PH.D. 1972 UNIVERSITY OF DELAWARE) 82p. 33/01-B, p. 236 BLE72-20516

CHANG, LIH-CHUNG
SOME DIAGNOSTIC APPROACHES FOR COMPUTER SYSTEM DESIGN. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 102p. 33/09-B, p. 4274 BLE73-07528

CHANG, LUNG-HSIUNG
FAULT ANALYSIS OF COMBINATIONAL LOGIC NETWORKS. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 117p. 35/06-B, p. 2697 BLE74-27399

CHANG, MAN-FENG
DISTURBANCE LOCALIZATION IN LINEAR SYSTEMS WITH SIMULTANEOUS DECOUPLING, POLE-ASSIGNMENT, OR STABILIZATION. (SC.D. 1973 WASHINGTON UNIVERSITY) 66p. 34/04-B, p. 1559 BLE73-24917

CHANG, MOU-HSIUNG
CONTROL SYSTEMS DESCRIBED BY FUNCTIONAL DIFFERENTIAL EQUATIONS WITH STOCHASTIC RETARDATION. (PH.D. 1974 UNIVERSITY OF RHODE ISLAND) 97p. 36/02-B, p. 754 BLE75-13693

CHANG, SANG HO
INDIVIDUAL DIFFERENCES IN INFORMATION PROCESSING DURING CLASSIFICATION LEARNING AT VARYING LEVELS OF TASK COMPLEXITY. (PH.D. 1974 STANFORD UNIVERSITY) 144p. 35/06-A, p. 3509 BLE74-26992

CHANG, SHIH-CHENG
COMPUTER SIMULATION OF FLOCCULENT SETTLING. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 202p. 33/06-B, p. 2633 BLE72-32404

CHANG, TIEN-LIN
NONLINEAR OSCILLATIONS IN QUANTIZED LINEAR DISCRETE-TIME SYSTEMS. (PH.D. 1971 RICE UNIVERSITY) 126p. 32/04-B, p. 2158 BLE71-26272

CHANG, TSONG-HOW
COMPUTER-BASED SHORT-TERM FORECASTING FOR JOB-SHOP MANUFACTURING SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 224p. 33/07-B, p. 3089 BLE72-23726

CHANG, WEI
COMPUTER CONGESTION ANALYSIS: A THEORETICAL TREATMENT. (PH.D. 1969 POLYTECHNIC INSTITUTE OF NEW YORK) 118p. 30/05-B, p. 2122 BLE69-17762

CHANON, ROBERT NOYES
ON A MEASURE OF PROGRAM STRUCTURE. (PH.D. 1974 CARNEGIE-MELLON UNIVERSITY) 301p. 35/03-B, p. 1230 BLE74-20492

CHANSKY, LEONARD MARSHALL
AN ANALYTICAL STUDY OF COMPUTER BASED CLINICAL CASES FOR MEDICAL EDUCATION. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 166p. 33/04-A, p. 1312 BLE72-26143

CHANTAVANICH, AMRUNG
AN APPLICATION OF COMPUTER SIMULATION PROCEDURES FOR THE STUDY OF RESIDUALS. (PH.D. 1975 UNIVERSITY OF PITTSBURGH) 201p. 36/04-A, p. 2155 BLE75-22432

CHAO, EDMUND YEE-SU
DETERMINATION OF APPLIED FORCES IN LINKAGE SYSTEMS WITH KNOWN DISPLACEMENTS: WITH SPECIAL APPLICATION TO BIOMECHANICS. (PH.D. 1971 THE UNIVERSITY OF IOWA) 180p. 32/05-B, p. 2762 BLE71-30416

CHAO, LUCY LU-CHEN
AN APPLICATION OF INFORMATION THEORY TO AN ANALYSIS OF THE ACCOUNTING PROCESS. (PH.D. 1968 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 143p. 29/02-A, p. 352 BLE68-12081

CHAO, SHU-KONG
A COST-PRIORITY SCHEDULING SYSTEM. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 137p. 34/11-B, p. 5414 BLE74-11807

CHAPMAN, JOSEPH WARREN
A DETERMINATION OF THE SKILLS REQUIRED OF ELEMENTARY AND SECONDARY SCHOOL TEACHERS IN SCHOOLS USING COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1970 THE AMERICAN UNIVERSITY) 347p. 31/06-A, p. 2786 BLE70-24271

CHAPPELL, STEPHEN GILBERT
AUTOMATIC TEST GENERATION FOR ASYNCHRONOUS DIGITAL CIRCUITS. (PH.D. 1973 NORTHWESTERN UNIVERSITY) 139p. 34/09-B, p. 4324 BLE74-07722

CHARALAMPOUS, ARISTIDES DEMETRIUS
REAL AND COMPLEX EXPONENTIAL DESCRIBING FUNCTIONS FOR TRANSIENT ANALYSIS OF NONLINEAR CONTROL SYSTEMS. (PH.D. 1969 UNIVERSITY OF HOUSTON) 100p. 30/02-B, p. 642 BLE69-13330

CHARETTE, WILFRED PETER
CONTROL SYSTEMS THEORY APPLIED TO METABOLIC HOMEOSTATIC SYSTEMS AND THE DERIVATION AND IDENTIFICATION OF MATHEMATICAL MODELS. (PH.D. 1969 CALIFORNIA INSTITUTE OF TECHNOLOGY) 257p. 29/11-B, p. 4147 BLE69-05684

CHAUDHURI, SYAMA PRASAD
OPTIMAL CONTROL COMPUTATIONAL TECHNIQUES FOR DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1967 THE UNIVERSITY OF FLORIDA) 219p. 29/01-B, p. 177 BLE68-09460

CHECHILE, RICHARD ANTHONY
THE RELATIVE STORAGE AND RETRIEVAL LOSSES IN SHORT-TERM MEMORY AS A FUNCTION OF THE SIMILARITY AND AMOUNT OF INFORMATION PROCESSING IN THE INTERPOLATED TASK. (PH.D. 1973 UNIVERSITY OF PITTSBURGH) 373p. 35/02-B, p. 1073 BLE74-08689

CHEFFERS, JOHN THEODORE FRANCIS
THE VALIDATION OF AN INSTRUMENT DESIGNED TO EXPAND THE FLANDERS SYSTEM OF INTERACTION ANALYSIS TO DESCRIBE NONVERBAL INTERACTION, DIFFERENT VARIETIES OF TEACHER BEHAVIOUR AND PUPIL RESPONSES. (ED.D. 1973 TEMPLE UNIVERSITY) 180p. 34/04-A, p. 1674 BLE73-23327

CHEN, CHENG-JEN
DESIGN OF PROGRAMMABLE PARALLEL DATA ROUTING NETWORKS VIA CROSS-BAR SWITCHES FOR A DYNAMIC DIGITAL COMPUTER. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 220p. 35/08-B, p. 3906 BLE74-22108

CHEN, CHI-HAU
A STUDY OF PATTERN RECOGNITION SYSTEMS WITH A SEQUENTIAL LEARNING PROCEDURE. (PH.D. 1965 PURDUE UNIVERSITY) 135p. 27/02-B, p. 471 BLE66-02246

CHEN, CHI-TSONG
CONTROLLABILITY AND OBSERVABILITY OF LINEAR TIME-INVARIANT COMPOSITE SYSTEMS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 78p. 27/10-B, p. 3512 BLE67-05026

CHEN, CONRAD KER-CHENG
SOLVING LARGE AND SPARSE ZERO-ONE PROGRAMMING PROBLEMS ON PARALLEL PROCESSORS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 110p. 33/01-B, p. 146 BLE72-19606

CHEN, FAN YU
ANALYSIS AND DESIGN OF NONLINEAR CAM-AND-FOLLOWER SYSTEMS. (PH.D. 1972 PURDUE UNIVERSITY) 132p. 33/02-B, p. 738 BLE72-21170

CHEN, FRANK TUAN-LIN
AN ALGORITHM FOR THE MINIMIZATION OF TWO-LEVEL MULTIPLE-OUTPUT NETWORKS. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 139p. 31/05-B, p. 2020 BLE70-20938

CHEN, GILBERT KUO-CHENG
EFFECTS OF AXIAL DISPERSION ON THE OPTIMAL DESIGN OF THE BIOCHEMICAL REACTOR SYSTEM. (PH.D. 1971 KANSAS STATE UNIVERSITY) 352p. 32/04-B, p. 2132 BLE71-26805

CHEN, JOYCE TSAI
MODELLING RESPONSES TO UNCERTAINTY IN MATHEMATICAL PROGRAMMING GROWTH MODELS OF THE FARM FIRM. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 124p. 33/01-A, p. 42 BLE72-19509

CHEN, KUO-KUANG
MOMENT PROPERTIES OF THE SOLUTION PROCESS FOR WEAKLY RANDOM LINEAR SYSTEMS AND THEIR STABILITY. (PH.D. 1969 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 94p. 30/06-B, p. 2647 BLE69-20563

CHEN, LI-AN LAURENCE
SOLVING IMPROPERLY POSED PROBLEMS BY MATHEMATICAL PROGRAMMING TECHNIQUE. (PH.D. 1968 NEW YORK UNIVERSITY) 48p. 30/01-B, p. 278 BLE69-11798

CHEN, MUCHUAN MICHAEL
MANAGERIAL RELAYING: AN ADAPTIVE APPROACH TO A SYSTEM PROTECTION PROBLEM. (PH.D. 1974 UNIVERSITY OF PENNSYLVANIA) 185p. 36/08-B, p. 4117 BLE76-03238

CHEN, NAI-FUNG
AN ANALYSIS OF SCHEDULING ALGORITHMS IN MULTIPROCESSOR COMPUTING SYSTEMS. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 74p. 36/05-B, p. 2266 BLE75-24277

CHEN, RICHARD MING-MING
MULTILEVEL TECHNIQUES AND THEIR APPLICATION IN ADAPTIVE SYSTEMS. (PH.D. 1968 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 153p. 29/11-B, p. 4167 BLE69-07529

CHEN, SHANG-CHUN
COMPUTER AIDED LEARNING OF THE WRITING OF CHINESE CHARACTERS. (D.SC. 1973 WASHINGTON UNIVERSITY) 121p. 34/12-B, p. 5994 BLE74-13802

CHEN, SHYH-CHING
SPEEDUP OF ITERATIVE PROGRAMS IN MULTIPROCESSING SYSTEMS. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 135p. 36/01-B, p. 326 BLE75-14094

CHEN, WAI-KAI
GENERAL TOPOLOGICAL ANALYSIS OF LINEAR SYSTEMS. (PH.D. 1964 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 65p. 25/02, p. 1095 BLE64-08366

CHEN, YI-SHUNG
A DIGITAL COMPUTER MODEL OF CIRCULATORY TRANSPORT AND DELIVERY DYNAMICS IN MAN. (PH.D. 1974 UNIVERSITY OF WASHINGTON) 136p. 35/07-B, p. 3340 BLE74-28389

CHEN, ZEN
NONPARAMETRIC METHODS FOR NONSUPERVISED AND SUPERVISED PATTERN RECOGNITION. (PH.D. 1973 PURDUE UNIVERSITY) 149p. 34/09-B, p. 4372 BLE74-04942

CHENG, (KARL) CHIU HSIUNG
COMPUTER SOLUTIONS OF CYLINDRICAL ANTENNAS IN ANISOTROPIC MEDIA. (PH.D. 1972 OHIO UNIVERSITY) 200p. 33/11-B, p. 5282 BLE73-12624

CHENG, GEN-SEN JAMES
CONTROLLABILITY OF DISCRETE AND CONTINUOUS-TIME BILINEAR SYSTEMS. (D.SC. 1974 WASHINGTON UNIVERSITY) 146p. 36/01-B, p. 409 BLE75-14916

CHENG, GEORGE TSUNG-HSIEN
A STUDY OF THE SYNTHESIS AND THE DECOMPOSITION OF THRESHOLD GATE NETWORKS. (ENG.SC.D. 1971 COLUMBIA UNIVERSITY) 193p. 32/06-B, p. 3296 BLE72-01289

CHENG, IN-SHENG
COMPUTER-TELEVISION ANALYSIS OF BIPED LOCOMOTION. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 147p. 35/11-B, p. 5419 BLE75-11329

CHENG, RICHARD KUO-WEI
SAMPLED-DATA REPRESENTATION OF NONLINEAR SYSTEMS. (PH.D. 1957 PURDUE UNIVERSITY) 145p. 17/09, p. 1973 BLE00-22251

CHENG, RICHARD TIEN-REN
COEFFICIENT GENERATOR AND CURSOR FOR THE STEREOMATRIX 3-D DISPLAY SYSTEM. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 99p. 32/10-B, p. 5732 BLE72-12120

CHENG, SIH YAO
LEARNING CONTROL OF LINEAR SYSTEMS WITH PERIODIC INPUTS USING A METHOD OF HARMONIC ANALYSIS. (PH.D. 1969 OREGON STATE UNIVERSITY) 131p. 29/09-B, p. 3310 BLE69-04085

CHENG, WEI-TIH
A COST-EFFECTIVE ASSOCIATIVE PROCESSOR WITH APPLICATION TO WEATHER COMPUTATIONS. (PH.D. 1974 SYRACUSE UNIVERSITY) 379p. 35/11-B, p. 5418 BLE75-10529

CHENOWETH, DARREL LEE
COEFFICIENT QUANTIZATION IN HYBRID CONTROL SYSTEMS. (PH.D. 1969 AUBURN UNIVERSITY) 107p. 30/02-B, p. 643 BLE69-13341

CHERRYHOLMES, CLEO HARLAN
THE HOUSE OF REPRESENTATIVES AND FOREIGN AFFAIRS: A COMPUTER SIMULATION OF ROLL CALL VOTING. (PH.D. 1966 NORTHWESTERN UNIVERSITY) 157p. 27/10-A, p. 3493 BLE67-04209

CHEUNG, CASTERET KA KUI
MULTIPLE ROUTING PROCEDURES FOR COMPUTER COMMUNICATION NETWORKS. (PH.D. 1975 POLYTECHNIC INSTITUTE OF NEW YORK) 195p. 36/04-B, p. 1849 BLE75-21354

CHEUNG, JOHN YAN-POON
COMPUTER ESTIMATION AND MODELING OF LINGUISTIC STRESS PATTERNS IN SPEECH. (PH.D. 1975 UNIVERSITY OF WASHINGTON) 183p. 37/02-B, p. 903 BLE76-17428

CHEUNG, LAP MING
THE MULTICONFIGURATION SELF-CONSISTENT FIELD METHOD FOR MANY-ELECTRON SYSTEMS AND ITS APPLICATION TO THE DISSOCIATION OF ETHYLENE. (PH.D. 1975 IOWA STATE UNIVERSITY) 164p. 36/07-B, p. 3404 BLE76-01829

CHEUNG, LAWRENCE SEK-LEUNG
TECHNIQUES FOR REDUCING DEPENDENCIES AMONG INSTRUCTIONS FOR A PARALLEL SINGLE PROCESSOR COMPUTER SYSTEM. (PH.D. 1975 PURDUE UNIVERSITY) 109p. 36/09-B, p. 4581 BLE76-07048

CHEUNG, TO-YAT
QUASILINEAR PARTIAL DIFFERENTIAL EQUATIONS WITH INVERSE-POSITIVE PROPERTY (APPROXIMATE SOLUTIONS AND ERROR BOUNDS BY LINEAR PROGRAMMING). (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 131p. 31/11-B, p. 6559 BLE70-24787

CHI, BEN-CHEN
PATTERN RECOGNITION OF SPOKEN WORDS BASED ON HAAR FUNCTIONS. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 220p. 34/05-B, p. 2020 BLE73-26786

CHI, CHENG-CHING
OSCILLATIONS OF NONLINEAR DAMPED SYSTEMS WITH MANY DEGREES OF FREEDOM. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 89p. 30/10-B, p. 4643 BLE70-06075

CHI, JUNG-CHANG
OPTIMAL CONTROL POLICIES FOR THE ACTIVATED SLUDGE PROCESS. (PH.D. 1974 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 142p. 35/03-B, p. 1279 BLE74-19968

CHIANG, ALICE
INSTRUCTIONAL ALGORITHMS DERIVED FROM MATHEMATICAL LEARNING MODELS: AN APPLICATION IN COMPUTER ASSISTED INSTRUCTION OF PAIRED-ASSOCIATED ITEMS. (PH.D. 1974 CITY UNIVERSITY OF NEW YORK) 180p. 35/03-A, p. 1492 BLE74-20361

CHIANG, TSUNG-TING
ANALYSIS OF HYDROLOGIC SYSTEMS. (PH.D. 1968 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 135p. 29/05-B, p. 1659 BLE68-12651

CHIEH, HUA TING
ON ABSOLUTE STABILITY OF NONLINEAR CONTROL SYSTEMS AND DIFFERENTIAL EQUATIONS WITH PERSISTENT PERTURBATIONS. (PH.D. 1966 UNIVERSITY OF PENNSYLVANIA) 149p. 27/05-B, p. 1474 BLE66-10609

CHIEN, HENRY HUNG-YEH
OPTIMAL CONTROL OF A BATCH REACTOR. (PH.D. 1963 UNIVERSITY OF MINNESOTA) 145p. 24/05, p. 1954 BLE63-07916

CHIESL, NEWELL EDWARD, JR.
A COMPUTER SIMULATION OF AN INTERNATIONAL MARKETING ENVIRONMENT. (PH.D. 1974 NORTH TEXAS STATE UNIVERSITY) 140p. 35/07-A, p. 3974 BLE75-00675

CHIN, YEH-HAO
IMPROVEMENT IN A SYSTEM'S THROUGHPUT–FROM THE STANDPOINT OF FILE ORGANIZATION AND SEARCHING STRATEGIES. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 165p. 34/02-B, p. 664 BLE73-18412

CHING, STEPHEN WING-FOOK
AN ORDERING PRINCIPLE IN OPTIMAL LINEAR MULTIVARIABLE CONTROL SYSTEMS. (PH.D. 1966 UNIVERSITY OF PENNSYLVANIA) 139p. 27/06-B, p. 1918 BLE66-10610

CHINNAPAREDDY, KOMMAREDDY
TIME VARYING UPPER BOUNDS ON NONLINEAR SYSTEM RESPONSES. (DR.SCI.ENG 1967 UNIVERSITY OF PITTSBURGH) 124p. 29/01-B, p. 178 BLE68-09738

CHITWOOD, HOWARD
GENERALIZED GREEN'S MATRICES FOR LINEAR DIFFERENTIAL SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF TENNESSEE) 70p. 32/05-B, p. 2848 BLE71-29454

CHITWOOD, JACK ROY
COMPUTER MODEL OF LOW-FLOW ROUTING FOR THE BRAZOS RIVER. (PH.D. 1971 TEXAS A&M UNIVERSITY) 192p. 32/08-B, p. 4574 BLE72-05644

CHIU, KUO-CHENG
DIGITAL CONTROL OF COMPLEX SYSTEMS BASED ON SIMPLE MODELS. (PH.D. 1971 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 194p. 33/02-B, p. 693 BLE72-17752

CHIU, PHILIP KUNLUN
OPTIMAL CONTROL OF A CLASS OF DISTRIBUTED-PARAMETER SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 210p. 33/05-B, p. 2071 BLE72-23042

CHIU, RAN-FUN
GENERALIZED VOLTERRA THEORY IN CONTROL SYSTEMS ANALYSIS. (PH.D. 1971 UNIVERSITY OF HOUSTON) 137p. 33/09-B, p. 4274 BLE73-07987

CHIU, WILLY WAI-YEE
ANALYSIS AND APPLICATIONS OF PROBABILISTIC MODELS OF MULTIPROGRAMMED COMPUTER SYSTEMS. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, SANTA BARBARA) 197p. 35/11-B, p. 5377 BLE75-11489

CHO, CHIN-KUEI
MIXED ALGORITHMS ON NONLINEAR PROGRAMMING. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 173p. 32/11-B, p. 6343 BLE72-15728

CHO, YO-SUNG
FREQUENCY DOMAIN METHODS FOR THE STABILITY ANALYSIS OF NONLINEAR AND TIME-VARYING FEEDBACK SYSTEMS. (PH.D. 1968 YALE UNIVERSITY) 155p. 29/12-B, p. 4652 BLE69-08329

CHOATE, WILLIAM CLAY
RAPID IDENTIFICATION OF TIME-VARYING LINEAR DYNAMIC SYSTEMS. (PH.D. 1966 THE UNIVERSITY OF FLORIDA) 153p. 27/08-B, p. 2707 BLE67-00358

CHONG, HOI-YEUNG
INFORMATION PROCESSING ERRORS IN LINEAR FEEDBACK CONTROL SYSTEMS. (PH.D. 1975 OREGON STATE UNIVERSITY) 224p. 36/11-B, p. 5718 BLE76-09643

CHOTINER, ALLAN I.
DATA PROCESSING IN THE SECONDARY SCHOOLS OF THE SUBURBAN WASHINGTON METROPOLITAN AREA. (ED.D. 1968 THE GEORGE WASHINGTON UNIVERSITY) 254p. 29/03-A, p. 770 BLE68-13066

CHOTTINER, SHERMAN
AN INVESTIGATION OF STOCK MARKET INTERACTIONS VIA COMPUTER SIMULATION OF AN IDEALIZED BEHAVIOR MODEL. (PH.D. 1968 NEW YORK UNIVERSITY, GRADUATE SCHOOL OF BUSINESS ADMINISTRATION) 362p. 29/03-A, p. 741 BLE68-13223

CHOU, SU MAY
TRANSITION NETWORKS FOR PATTERN RECOGNITION. (PH.D. 1975 PURDUE UNIVERSITY) 190p. 37/03-B, p. 1365 BLE76-20439

CHOUDHURY, AJIT KUMAR
EXISTENCE THEOREMS FOR OPTIMAL CONTROL BY THE EPSILON METHOD. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 80p. 30/04-B, p. 1678 BLE69-16900

CHOUINARD, PAUL LEWELLYN
THE STATISTICAL ESTIMATION OF THROUGHPUT AND TURNAROUND FUNCTIONS FOR A UNIVERSITY COMPUTER SYSTEM. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 106p. 37/05-B, p. 2371 BLE76-24069

CHOW, DAVID KUO-KIEN
A GEOMETRIC APPROACH TO CODING THEORY WITH APPLICATION TO INFORMATION RETRIEVAL. (PH.D. 1968 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 85p. 29/02-B, p. 603 BLE68-12093

CHRISTENSEN, G. JAY
KEY CONCEPTS IN AUTOMATED DATA PROCESSING FOR HIGH SCHOOL BUSINESS STUDENTS.(VOLUMES I AND II). (ED.D. 1969 UNIVERSITY OF NORTHERN COLORADO) 398p. 30/10-A, p. 4068 BLE70-07112

CHRISTENSON, JOHN MARTIN
A HYBRID COMPUTER INVESTIGATION OF SPATIAL EFFECTS IN PROMPT CRITICAL REACTOR EXCURSIONS. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 224p. 31/05-B, p. 2724 BLE70-19135

CHRISTMORE, PATRICIA C.
A COMPUTER SIMULATION MODEL UTILIZING SELECTED FINANCIAL PLANNING VARIABLES. (PH.D. 1975 THE UNIVERSITY OF OKLAHOMA) 205p. 36/04-A, p. 2288 BLE75-21791

CHRISTOPHER, GEORGE RONALD
THE INFLUENCE OF A COMPUTER ASSISTED INSTRUCTION EXPERIENCE UPON THE ATTITUDES OF SCHOOL ADMINISTRATORS. (PH.D. 1969 THE OHIO STATE UNIVERSITY) 146p. 30/07-A, p. 2744 BLE69-22104

CHRISTOPHERSON, JON ALFRED
ANALYSIS OF INTERACTION WITHIN INTERNATIONAL SYSTEMS: CLIQUE IDENTIFICATION AND INFLUENCE CONCENTRATION. (PH.D. 1975 UNIVERSITY OF WASHINGTON) 429p. 37/02-A, p. 1208 BLE76-17432

CHRYSLER, EARL
SOME BASIC DETERMINANTS OF COMPUTER PROGRAMMING PERFORMANCE. (D.B.A. 1975 UNIVERSITY OF SOUTHERN CALIFORNIA) 193p. 36/09-B, p. 4581 BLE76-05235

CHU, BOYER BOA-YI
PARAMETRIC MODELING OF LINEAR DYNAMIC SYSTEMS AND APPLICATIONS. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 168p. 33/07-B, p. 3107 BLE72-27316

CHU, DAVID CHAU-KWONG
SPECTRUM SHAPING FOR COMPUTER GENERATED HOLOGRAMS. (PH.D. 1974 STANFORD UNIVERSITY) 152p. 34/12-B, p. 5994 BLE74-13612

CHU, KONG
COMPUTER SIMULATION OF CERTAIN STOCHASTIC RELATIONSHIPS IN MICRO- ECONOMIC SYSTEMS. (PH.D. 1964 TULANE UNIVERSITY) 166p. 25/07, p. 3869 BLE64-13699

CHUA, YAP SIONG
ANALYSIS AND SYNTHESIS OF FEEDBACK QUEUEING MODELS FOR TIME-SHARING SYSTEMS. (PH.D. 1973 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 84p. 34/09-B, p. 4324 BLE74-05514

CHUANG, KUEI
A STUDY OF NONLINEAR SYSTEMS WITH RANDOM INPUTS. (PH.D. 1958 THE UNIVERSITY OF MICHIGAN) 152p. 19/06, p. 1323 BLE58-07698

CHUBB, BRUCE ALLEN
COMPUTER AIDED OPTIMIZATION OF NONLINEAR SERVOMECHANISMS EMPLOYING A DIRECTED SEARCH OF MULTIPARAMETER COMPONENT LIBRARIES AND STATISTICAL TOLERANCE. (PH.D. 1969 MICHIGAN STATE UNIVERSITY) 163p. 30/04-B, p. 1678 BLE69-16125

CHUEH, RICHARD JO-CHAO
STATISTICAL DECISION FUNCTIONS, WITH APPLICATION TO PATTERN RECOGNITION. (PH.D. 1964 UNIVERSITY OF PENNSYLVANIA) 91p. 25/10, p. 5827 BLE65-01355

CHUKWU, ETHELBERT NWAKUCHE
SYMMETRIES AND IDENTIFICATION OF LINEAR CONTROL SYSTEMS. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 30p. 33/09-B, p. 4381 BLE73-06280

CHUN, CHUL-HEE KIM
APPLICABILITY OF LAMINAR FLOW TUBULAR REACTORS FOR THE DETERMINATION OF HETEROGENEOUS KINETICS - A COMPUTER STUDY. (PH.D. 1971 THE UNIVERSITY OF NEBRASKA - LINCOLN) 232p. 32/02-B, p. 902 BLE71-19477

CHUNG, ALBERT SHUAO-HUNG
STATE-SPACE ANALYSIS OF SYNCHRONOUS MACHINES AND ELECTRIC POWER SYSTEMS. (PH.D. 1971 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 126p. 32/05-B, p. 2701 BLE71-28926

CHUNG, DAVID HSIONG
THE ORGANIZATION OF A POL COMPUTER. (PH.D. 1962 PURDUE UNIVERSITY) 223p. 23/02, p. 575 BLE62-03438

CHUNG, KUK PYO
NONLINEAR FUNCTIONAL ANALYSIS AND NUMERICAL COMPUTATIONS OF THE STRONG INTERACTION S-MATRIX; APPLICATIONS TO PION-PION DISPERSION RELATIONS. (PH.D. 1970 PRINCETON UNIVERSITY) 124p. 31/06-B, p. 3629 BLE70-23606

CHUNG, SIU MING
GLOBALLY AND SUPERLINEARLY CONVERGENT ALGORITHMS FOR NONLINEAR PROGRAMMING. (PH.D. 1975 THE UNIVERSITY OF WISCONSIN - MADISON) 91p. 36/10-B, p. 5139 BLE75-29802

CHYUNG, DONG HAK
THE THEORY OF OPTIMAL CONTROL FOR SYSTEMS WITH TIME DELAY. (PH.D. 1965 UNIVERSITY OF MINNESOTA) 121p. 26/10, p. 6064 BLE66-01657

CILIBERTI, DAVID FRANK
NEAR-OPTIMAL CONTROL OF DISTRIBUTED-PARAMETER SYSTEMS. (PH.D. 1974 CARNEGIE-MELLON UNIVERSITY) 216p.
35/01-B, p. 207 BLE74-14651

CIMBALO, RICHARD S.
EFFECTS OF ITEM ISOLATION UPON THE PROCESSING OF SERIALLY PRESENTED INFORMATION. (PH.D. 1969 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 133p.
30/06-B, p. 2922 BLE69-20571

CINLAR, ERHAN
ANALYSIS OF SYSTEMS OF QUEUES IN PARALLEL. (PH.D. 1965 THE UNIVERSITY OF MICHIGAN) 164p.
26/12, p. 7227 BLE66-06582

CIRIC, VIDOJKO VLADIMIR
DESIGN OF MINIMUM SENSITIVITY CONTROL SYSTEMS. (PH.D. 1969 RICE UNIVERSITY) 150p.
30/05-B, p. 2167 BLE69-19275

CIRINA, MARCO AURELIO
ON THE BOUNDARY CONTROLLABILITY OF NONLINEAR HYPERBOLIC SYSTEMS. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 156p.
29/12-B, p. 4740 BLE69-15974

CIURCZAK, FRANCIS M.
AN EXAMINATION OF FACTORS WITH RESPECT TO OPEN AND CLOSED BELIEF SYSTEMS THAT INFLUENCE THE SELECTION OF OBJECTIVES BY TEACHERS FOR THE PURPOSE OF PLANNING A TEACHING UNIT FROM A COMPUTER-GENERATED RESOURCE GUIDE. (ED.D. 1974 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 296p.
35/07-A, p. 4120 BLE74-29233

CLARK, GEORGE MILES, JR.
AN IMPROVED ALGORITHM FOR THE COMBINED ESTIMATION AND CONTROL OF NONGAUSSIAN STOCHASTIC SYSTEMS. (PH.D. 1971 GEORGIA INSTITUTE OF TECHNOLOGY) 103p.
32/05-B, p. 2701 BLE71-28090

CLARK, JAMES HENRY
THREE-DIMENSIONAL DESIGN OF FREE-FORM B-SPLINE SURFACES. (PH.D. 1974 UNIVERSITY OF UTAH) 82p. 35/08-B, p. 3868 BLE75-04780

CLARK, JAMES INGRAHAM
A CRITICAL EVALUATION OF SOME ELECTRONIC COMPUTER USES IN URBAN DESIGN. (PH.D. 1964 NEW YORK UNIVERSITY) 251p.
26/01, p. 472 BLE65-06625

CLARK, JAMES PATRICK CLEMENT
AN ANALYSIS OF PULSE-FREQUENCY MODULATED CONTROL SYSTEMS. (PH.D. 1965 UNIVERSITY OF WASHINGTON) 155p. 26/05, p. 2642 BLE65-11446

CLARK, JEFFREY LYNN
SHORT-TERM MEMORY FOR VISUAL AND TACTUAL PATTERNS: THE EFFECTS OF INFORMATION PROCESSING LOAD AND INTERPOLATED TASK MODALITY. (PH.D. 1974 UNIVERSITY OF CINCINNATI) 93p. 35/06-B, p. 3053 BLE74-26371

CLARK, JERRY EUGENE
SHAWNEE INDIAN MIGRATION: A SYSTEM ANALYSIS. (PH.D. 1974 UNIVERSITY OF KENTUCKY) 219p. 35/09-A, p. 5588 BLE75-05820

CLARK, JOHN MASON
DIGITAL COMPUTER SIMULATION OF ADAPTIVE DETECTORS. (PH.D. 1966 THE UNIVERSITY OF FLORIDA) 87p. 27/05-B, p. 1475 BLE66-11110

CLARK, ROBERT NEWHALL
ANALYSIS OF OSCILLATIONS IN PULSE-MODULATED SATELLITE ATTITUDE CONTROL SYSTEMS. (PH.D. 1969 STANFORD UNIVERSITY) 109p.
30/03-B, p. 1123 BLE69-13937

CLARK, RONALD KEITH
A NUMERICAL ANALYSIS OF THE TRANSIENT RESPONSE OF AN ABLATION SYSTEM INCLUDING EFFECTS OF THERMAL NON-EQUILIBRIUM, MASS TRANSFER AND CHEMICAL KINETICS. (PH.D. 1972 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 268p. 33/03-B, p. 1138 BLE72-23833

CLARK, RONALD ROGERS
OPTIMUM PASSIVE DESIGN OF CONTROL SYSTEMS WITH PARTIALLY KNOWN PLANTS. (PH.D. 1963 SYRACUSE UNIVERSITY) 77p.
25/11, p. 6476 BLE64-07316

CLARK, SANDRA ETHLYN
RETRIEVAL OF COLOR INFORMATION FROM THE PREPERCEPTUAL STORAGE SYSTEM. (PH.D. 1967 THE OHIO STATE UNIVERSITY) 37p.
28/09-B, p. 3893 BLE68-02968

CLARK, THOMAS BLAIR
A COMPARISON OF TWO APPROACHES TO TEACHING COMPUTER PROGRAMMING TO PROSPECTIVE ELEMENTARY SCHOOL TEACHERS. (PH.D. 1975 THE FLORIDA STATE UNIVERSITY) 249p.
36/06-A, p. 3577 BLE75-26761

CLARKE, FRANK HERBERT
NECESSARY CONDITIONS FOR NONSMOOTH PROBLEMS IN OPTIMAL CONTROL AND THE CALCULUS-OF-VARIATIONS. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 127p.
34/07-B, p. 3353 BLE74-00791

CLASEN, DON
PUBLIC/PRIVATE PERCEPTIONS: AN ANALYSIS OF THE PERCEPTIONS OF ELECTRONIC DATA PROCESSING PROGRAMMERS IN PUBLIC AND PRIVATE ORGANIZATIONS. (PH.D. 1970 UNIVERSITY OF SOUTHERN CALIFORNIA) 125p.
31/07-A, p. 3624 BLE71-02516

CLAUER, CALVIN KINGSLEY
AN EXPERIMENTAL EVALUATION OF HIERARCHICAL DECISION-MAKING FOR INFORMATION RETRIEVAL. (PH.D. 1972 STANFORD UNIVERSITY) 91p.
33/08-B, p. 3661 BLE73-04484

CLAXTON, HERSCHEL DEAN
A DYNAMIC PROGRAMMING DECISION MODEL AND COMPUTER SIMULATION OF THE CEDAR PENCIL SLAT DRYING PROCESS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, BERKELEY) 192p.
29/04-A, p. 1017 BLE68-13894

CLAY, ROGER MARVIN
THE ANALYSIS AND DESIGN OF MULTI-FEEDBACK CONTROL SYSTEMS FOR CHEMICAL PROCESSES. (PH.D. 1973 UNIVERSITY OF CINCINNATI) 361p.
34/04-B, p. 1486 BLE73-22829

CLAYBROOK, BILLY GENE
POLYFACT: A LEARNING PROGRAM THAT FACTORS MULTIVARIABLE POLYNOMIALS. (PH.D. 1972 SOUTHERN METHODIST UNIVERSITY) 208p.
33/09-B, p. 4230 BLE73-05198

CLAYTON, GORDON MAXWELL
AN ANALYSIS OF CLINICAL PASTORAL TRAINING USING A SYSTEMS APPROACH: AN ANALYSIS OF SIX PROGRAMS OF CLINICAL PASTORAL TRAINING AT SAINT ELIZABETHS HOSPITAL WITH EMPHASIS ON THE METHODOLOGY OF SUPERVISION AND ITS EFFECTS ON CLINICAL PASTORAL LEARNING. (TH.D. 1971 GRADUATE THEOLOGICAL UNION) 252p.
32/07-A, p. 3879 BLE72-01170

CLAYTON, JOHN MARK
APPLICATION OF QUANTITATIVE STRUCTURE-ACTIVITY RELATIONSHIPS TO SELECTED BIOCHEMICAL SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF TENNESSEE CENTER FOR THE HEALTH SCIENCES) 243p.
32/12-B, p. 6941 BLE72-18118

CLEAR, PAUL FRANK
A STUDY OF UNSTEADY DISTILLATION THROUGH DIGITAL MODELING WITH CONTROL APPLICATIONS. (SC.D. 1970 STEVENS INSTITUTE OF TECHNOLOGY) 163p. 31/07-B, p. 4009 BLE71-01163

CLEAVES, WALLACE THOMAS
INTRAMODAL AND INTERMODAL PATTERN RECOGNITION OF MULTIDIMENSIONAL STIMULI. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, RIVERSIDE) 130p. 32/05-B, p. 3024 BLE71-30363

CLEGG, JOHN CARDWELL
INTENTIONALLY NONLINEAR NETWORKS FOR SERVO SYSTEMS (PARTS I AND II). (PH.D. 1957 UNIVERSITY OF UTAH) 88p. 17/07, p. 1524 BLE00-21683

CLEVELAND, DONALD BRUCE
A GEOMETRICAL MODEL FOR INFORMATION RETRIEVAL. (PH.D. 1973 CASE WESTERN RESERVE UNIVERSITY) 182p. 34/11-B, p. 5551 BLE74-10779

CLEVELAND, FREDERICK WILLIS, JR.
RESOURCE ALLOCATION IN THE FIRM: THE STUDY OF TANGIBLE AND INTANGIBLE INVESTMENTS BY COMPUTER SIMULATION OF MANAGEMENT HEURISTICS. (PH.D. 1967 COLUMBIA UNIVERSITY) 176p. 28/12-A, p. 4797 BLE68-08571

CLIFFORD, HOWARD JAMES
A THEORETICAL ANALYSIS OF THE ELECTRONIC STATES OF 2ND AND 3RD ROW TRANSITION-METAL COMPLEXES; A SPECTROSCOPIC INVESTIGATION OF D(5) AND D(6) ORBITAL SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF NEW MEXICO) 194p.
32/07-B, p. 3876 BLE72-04003

CLIFTON, DANNY MORRIS
ON THE INTERACTING AND NONINTERACTING CONTROL OF MULTIVARIABLE STOCHASTIC SYSTEMS USING FEEDFORWARD-FEEDBACK CONTROLLERS. (PH.D. 1971 THE UNIVERSITY OF OKLAHOMA) 207p. 32/05-B, p. 2675 BLE71-27604

CLINESS, DAVID WYLIE
THE DEVELOPMENT AND APPLICATION OF A CURRICULUM BASED INFORMATION SYSTEM FOR CAREER GUIDANCE. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 228p. 34/11-A, p. 6971 BLE74-10932

CLINTON, JAMES HERBERT
TIME OPTIMAL CONTROL OF LINEAR MULTIVARIABLE SYSTEMS BY THE METHOD OF FUNCTIONAL ANALYSIS. (PH.D. 1971 PURDUE UNIVERSITY) 287p. 32/06-B, p. 3322 BLE72-01842

CLOVER, MICHAEL E.
STUDY OF THE FEASIBILITY OF COMPUTER ASSISTED PUPIL PROGRESS REPORTING IN FOURTH GRADE MATHEMATICS. (PH.D. 1972 THE UNIVERSITY OF IOWA) 201p. 33/04-A, p. 1312 BLE72-26661

CLUFF, ERWIN DALE
THE RELATIONSHIP OF SELECTED UNIVERSITY MEDIA AND COMPUTER SERVICES TO LIBRARIES BELONGING TO THE ASSOCIATION OF RESEARCH LIBRARIES. (PH.D. 1976 UNIVERSITY OF UTAH) 136p.
37/05-A, p. 2661 BLE76-25848

CLYMA, WAYNE
ANALYSIS OF SOIL HEAT TRANSFER FOR THE EVAPOTRANSPIRATION SYSTEM. (PH.D. 1971 THE UNIVERSITY OF ARIZONA) 148p.
32/03-B, p. 1689 BLE71-24899

CLYMER, JOHN CRITTENDEN
A COMPUTER SIMULATION MODEL OF ATTACK-LEARNING BEHAVIOR IN THE OCTOPUS. (PH.D. 1973 THE UNIVERSITY OF MICHIGAN) 129p.
34/04-B, p. 1462 BLE73-24542

CLYMER, JOHN RICHARD
A TOP DOWN ANALYSIS TECHNIQUE FOR PARALLEL SYSTEMS USING CONTINUOUS TIME MARKOV CHAIN MODELS. (PH.D. 1971 ARIZONA STATE UNIVERSITY) 202p. 32/04-B, p. 2159 BLE71-24922

COATS, JAY HARTWELL
INFORMATION PROCESSING AND COMPUTERIZED BUSINESS GAMES. (PH.D. 1975 UNIVERSITY OF PITTSBURGH) 124p.
36/12-A, p. 8163 BLE76-14117

COCHI, BERTRAND JEAN
SEVERAL STOCHASTIC MODELS OF COMPUTER SYSTEMS. (PH.D. 1973 STANFORD UNIVERSITY) 273p. 34/09-B, p. 4325 BLE74-06457

COCKRELL, LARRY DICK
ON SEARCH TECHNIQUES IN ADAPTIVE SYSTEMS. (PH.D. 1970 PURDUE UNIVERSITY) 141p.
31/08-B, p. 4679 BLE71-02582

CODELL, RICHARD BLAKE
DIGITAL COMPUTER SIMULATION OF THERMAL EFFLUENT DISPERSION IN RIVERS, LAKES, AND ESTUARIES. (PH.D. 1973 LEHIGH UNIVERSITY) 235p.
34/11-B, p. 5441 BLE74-11343

CODY, ROGER ALAN
ALLOCATION ALGORITHMS FOR MINIMIZING EXPECTED ACCESS COSTS ON DRUM-LIKE STORAGE DEVICES. (PH.D. 1974 THE PENNSYLVANIA STATE UNIVERSITY) 147p. 36/03-B, p. 1312 BLE75-19739

CODY, RONALD PETER
INTERACTIVE COMPUTER SIMULATIONS FOR QUANTUM-MECHANICS INSTRUCTION. (ED.D. 1973 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 127p.
34/07-B, p. 3198 BLE73-32250

COE, TEDDY LEWIS
COST CONTROL OF SYSTEMS AND COMPUTING ACTIVITIES UTILIZING THE CONVENTIONAL ACCOUNTING MODEL. (PH.D. 1972 TEXAS A&M UNIVERSITY) 256p. 33/11-A, p. 5892 BLE73-12246

COFFEE, FRANCIS W.
A DOCUMENTATION OF THE COMPUTER BASED MASTER SCHEDULE GENERATOR FOR THE GENERALIZED ACADEMIC SIMULATION PROGRAM WITH A DEVELOPED SCHEDULING MODEL AND SIMULATED APPLICATIONS. (ED.D. 1974 THE UNIVERSITY OF NEW MEXICO) 204p.
36/03-A, p. 1199 BLE75-18649

COFFEY, EDGAR LITTLETON, III
AN ANALOG/HYBRID COMPUTER SOLUTION OF ELECTROMAGNETIC SCATTERING PROBLEMS. (PH.D. 1976 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 220p. 37/05-B, p. 2416 BLE76-24317

COFFMAN, EDWARD GRADY, JR.
STOCHASTIC MODELS OF MULTIPLE AND TIME-SHARED COMPUTER OPERATIONS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 218p.
27/08-B, p. 2707 BLE67-00548

COGGSHALL, WILLIAM LAMAR, JR.
OPTIMAL CONTROL SCHEMES FOR STRATEGIC MATERIALS. (PH.D. 1969 STANFORD UNIVERSITY) 359p. 30/12-B, p. 5509 BLE70-10440

COHEN, ANN TONI
A UNIFIED TREATMENT OF GRAPH-THEORETIC MODELS FOR PARALLEL COMPUTATION. (PH.D. 1976 UNIVERSITY OF DELAWARE) 222p.
37/05-B, p. 2371 BLE76-24236

COHEN, BERNARD ALLAN
COMPUTER ANALYSIS OF SERIAL ELECTROENCEPHALOGRAMS FROM PATIENTS WITH CEREBROVASCULAR ACCIDENTS. (PH.D. 1975 MARQUETTE UNIVERSITY) 382p.
36/12-B, p. 6280 BLE76-08632

COHEN, GEORGE SOL
ANALYSIS OF A CLASS OF NONLINEAR SAMPLED-DATA SYSTEMS WITH A GAUSSIAN INPUT SIGNAL. (PH.D. 1962 THE UNIVERSITY OF MICHIGAN) 113p.
23/02, p. 575 BLE62-03229

COHEN, JEFFREY JAY
PATTERN RECOGNITION PROCESSES INVESTIGATED THROUGH VISUAL SEARCH BEHAVIOR. (PH.D. 1971 HOFSTRA UNIVERSITY) 119p.
32/10-B, p. 6024 BLE72-10848

COHEN, MORRIS AARON
INVENTORY CONTROL FOR A PERISHABLE PRODUCT: OPTIMAL CRITICAL NUMBER ORDERING AND APPLICATIONS TO BLOOD INVENTORY MANAGEMENT. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 107p. 35/10-B, p. 5021 BLE75-07893

COHEN, STANLEY HYMIE
MODELS OF ATTITUDE CHANGE IN THE PASSIVE COMMUNICATION PARADIGM: INFORMATION PROCESSING, SOCIAL JUDGMENT, DISSONANCE, BALANCE, AND CONGRUITY. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 523p.
32/12-B, p. 7288 BLE72-16403

COHEN, STEPHEN H.
A CONVERGENT TANGENTIAL APPROXIMATION PROCEDURE FOR A DECOMPOSABLE NONLINEAR SYSTEM. (PH.D. 1974 RENSSELAER POLYTECHNIC INSTITUTE) 157p. 35/09-B, p. 4536 BLE75-05381

COINTMENT, JOSEPH DELMA, III
CCC – A MIXED STRATEGY COMPILER-COMPILER. (PH.D. 1972 SOUTHERN METHODIST UNIVERSITY) 186p. 33/04-B, p. 1496 BLE72-27282

COLBURN, BRUCE KENDALL
DESIGN CONSIDERATIONS IN MODEL REFERENCE ADAPTIVE CONTROL SYSTEMS. (PH.D. 1975 AUBURN UNIVERSITY) 141p. 36/11-B, p. 5719 BLE76-10892

COLE, GERALD DUANE
COMPUTER NETWORK MEASUREMENTS: TECHNIQUES AND EXPERIMENTS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 368p.
32/07-B, p. 3888 BLE72-02792

COLE, JACK HOWARD
SYNTHESIS OF OPTIMUM COMPLEX FLUID LOGIC SEQUENTIAL CIRCUITS. (PH.D. 1968 OKLAHOMA STATE UNIVERSITY) 151p.
30/03-B, p. 1151 BLE69-14235

COLE, JAMES KENNETH
NUMERICAL ANALYSIS OF THE INTERACTION OF AN OBLIQUE SHOCK WAVE AND A LAMINAR BOUNDARY LAYER. (PH.D. 1966 THE UNIVERSITY OF NEW MEXICO) 209p.
27/06-B, p. 1942 BLE66-11708

COLE, JERRY G.
PATTERN RECOGNITION PROBLEMS OF TIME SERIES. (PH.D. 1964 THE UNIVERSITY OF TEXAS AT AUSTIN) 102p. 25/09, p. 5179 BLE65-04302

COLE, JOSEPH DENNIS
DECISION ANALYSIS IN LARGE-SCALE SYSTEMS. (PH.D. 1974 SOUTHERN METHODIST UNIVERSITY) 154p. 35/07-B, p. 3327 BLE75-01167

COLE, WILLIAM L.
THE EVALUATION OF A ONE-SEMESTER SENIOR HIGH SCHOOL MATHEMATICS COURSE DESIGNED FOR ACQUIRING BASIC MATHEMATICAL SKILLS USING COMPUTER-ASSISTED INSTRUCTION. (ED.D. 1971 WAYNE STATE UNIVERSITY) 186p.
32/05-A, p. 2399 BLE71-29729

COLEMAN, BROOKS PHILLIP
A GOALS SATISFACTION APPRAISAL OF A REGIONAL EDUCATIONAL DATA PROCESSING CENTER. (ED.D. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 140p. 33/02-A, p. 517 BLE72-21668

COLEMAN, FRANCES WITTY MCLEAN
A COMPUTER SIMULATION OF BLOOD CALCIUM REGULATION WITH EXPERIMENTAL VERIFICATION. (PH.D. 1970 THE UNIVERSITY OF MISSISSIPPI, MEDICAL CENTER, JACKSON) 170p.
31/07-B, p. 4292 BLE70-26881

COLEMAN, PATRICK JOHN
EXPERIMENTAL SYSTEMS ANALYSIS OF ADAPTATION TO REVERSAL OF RETINAL-FEEDBACK OF EYE MOVEMENTS. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 210p.
33/07-B, p. 3337 BLE72-24876

COLEMAN, STEPHEN MARLIN
MEASUREMENT AND ANALYSIS OF POLITICAL SYSTEMS. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 208p. 33/05-A, p. 2440 BLE72-27738

COLIN, J. W.
THE CHANGING ROLE OF PLANNING IN COMMERCIAL BANKS–THE COMPUTER AND MANAGEMENT SCIENCE. (PH.D. 1971 NORTH TEXAS STATE UNIVERSITY) 309p. 32/07-A, p. 3487 BLE72-04070

COLKER, RICHARD EDWARD
AN INFORMATION PROCESSING ANALYSIS OF VISUAL SEARCH AND MEMORY SCANNING. (PH.D. 1975 UNIVERSITY OF MASSACHUSETTS) 238p. 36/09-B, p. 4723 BLE76-05324

COLLEY, JOHN LEONARD, JR.
COMPUTER ORIENTED BUSINESS SYSTEMS. (D.B.A. 1964 UNIVERSITY OF SOUTHERN CALIFORNIA) 283p. 25/12, p. 7000 BLE65-01288

COLLINS, JAMES SEALY
INPUT-OUTPUT STABILITY ANALYSIS OF FEEDBACK SYSTEMS USING SUBSETS OF L(P)(-INFINITY, INFINITY). (PH.D. 1973 UNIVERSITY OF WASHINGTON) 106p. 34/08-B, p. 3783 BLE74-02203

COLLINS, ROBERT SCOTT
REAL TIME OPTIMAL CONTROL OF INDUSTRIAL PROCESSES: A BAYESIAN DECISION THEORY APPROACH. (D.B.A. 1974 INDIANA UNIVERSITY, GRADUATE SCHOOL OF BUSINESS) 105p. 35/10-A, p. 6301 BLE75-09501

COLLINS, TERRY LEO
TOPOLOGY CONSIDERATIONS FOR LOCAL COMPUTER NETWORKS. (SC.D. 1976 THE GEORGE WASHINGTON UNIVERSITY) 191p. 37/05-B, p. 2371 BLE76-21764

COLLINS, THOMAS WILLIAM
TIME-DEPENDENT NUMERICAL ANALYSIS OF METAL - OXIDE - SEMICONDUCTOR (MOS) DEVICES. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, DAVIS) 256p. 34/07-B, p. 3239 BLE73-32265

COMBOT, JEAN-PIERRE
CONTROL OF LINEAR DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1974 MARQUETTE UNIVERSITY) 200p. 36/01-B, p. 373 BLE75-14883

COMBS, BARBARA JEAN
A STUDY OF A SYSTEMS ANALYSIS APPROACH TO THE DEVELOPMENT OF COLLEGE HEALTH INSTRUCTIONAL PROGRAMS. (D.ED. 1974 UNIVERSITY OF OREGON) 251p. 35/08-A, p. 4975 BLE75-04505

COMBS, ROBERT GLADE
CONTROL OF BLOOD FLOW IN THE MICROVESSELS: MATHEMATICAL ANALYSIS AND COMPUTER SIMULATION. (PH.D. 1965 THE UNIVERSITY OF FLORIDA) 115p. 27/03-B, p. 941 BLE66-08823

COMERFORD, JOHN MARTIN
THE INTERPRETATION OF INFRARED AND RAMAN SPECTRA USING PATTERN RECOGNITION. (D.ENG.SC. 1974 NEW JERSEY INSTITUTE OF TECHNOLOGY) 246p. 35/12-B, p. 5870 BLE75-12792

COMFORT, JOHN CRAIG
A FLEXIBLE EFFICIENT QUESTION-ANSWERING SYSTEM. (PH.D. 1974 CASE WESTERN RESERVE UNIVERSITY) 140p. 35/05-B, p. 2138 BLE74-25649

CONEY, KENNETH ARLIEGH
CONSUMER INFORMATION PROCESSING: ORGANIZATION OF PRODUCT COMPARISON INFORMATION THROUGH THE COGNITIVE CONTROL PRINCIPLE ON LEVELING-SHARPENING. (PH.D. 1973 UNIVERSITY OF OREGON) 114p. 34/09-A, p. 5390 BLE74-06814

CONFER, RONALD WILLIAM
THE EFFECT OF ONE STYLE OF COMPUTER ASSISTED INSTRUCTION ON THE ACHIEVEMENT OF STUDENTS WHO ARE REPEATING GENERAL MATHEMATICS. (PH.D. 1971 UNIVERSITY OF PITTSBURGH) 92p. 32/04-A, p. 1741 BLE71-26180

CONFESSORE, GARY JOHN
A SOFTWARE BASE FOR AN INTERACTIVE TEACHING SIMULATOR. (ED.D. 1974 COLUMBIA UNIVERSITY) 439p. 35/02-A, p. 921 BLE74-18715

CONLEY, GEORGE HENRY
STABILIZATION OF CONTINUOUS MULTIVARIABLE NONLINEAR SYSTEMS. (PH.D. 1972 UNIVERSITY OF PITTSBURGH) 184p. 33/06-B, p. 2606 BLE72-30783

CONNELL, CHARLES RICHARD, III
THE ARMY PERSONNEL INFORMATION FIELD DATA SYSTEM IN A COMBAT ENVIRONMENT: THE VIETNAM EXPERIENCE. (PH.D. 1974 THE AMERICAN UNIVERSITY) 339p. 35/08-B, p. 3868 BLE75-04700

CONNELL, GARY MARTIN
OPTIMAL CONFIGURATIONS FOR HINGED, TWO-BODY SATELLITE ATTITUDE CONTROL SYSTEMS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 183p. 29/06-B, p. 2064 BLE68-16522

CONNORS, MICHAEL MILTON
CONTROLLABILITY OF DISCRETE, LINEAR, RANDOM DYNAMICAL SYSTEMS. (PH.D. 1966 STANFORD UNIVERSITY) 104p. 27/07-B, p. 2438 BLE66-14645

CONRAD, MICHAEL EARL
COMPUTER EXPERIMENTS ON THE EVOLUTION OF CO-ADAPTATION IN A PRIMITIVE ECOSYSTEM. (PH.D. 1970 STANFORD UNIVERSITY) 176p. 31/04-B, p. 1745 BLE70-18390

CONRAD, MICHAEL JOHN
A SYSTEMS ANALYSIS OF ATRIAL AND OVIDUCTAL ANAPHYLAXIS. (PH.D. 1974 STANFORD UNIVERSITY) 233p. 35/06-B, p. 2976 BLE74-26996

CONRY, THOMAS FRANCIS
THE USE OF MATHEMATICAL PROGRAMMING IN DESIGN FOR UNIFORM LOAD DISTRIBUTION IN NONLINEAR ELASTIC SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 243p. 31/03-B, p. 1301 BLE70-12723

CONSTANTINIDES, CHRISTOS THEODOROU
THE USE OF THOMAS' IMPULSE RESPONSE METHOD IN THE EVALUATION OF CONTROL SYSTEM CRITERIA AND DESIGN OF PASSIVE ADAPTIVE SYSTEMS. (PH.D. 1964 UNIVERSITY OF KANSAS) 185p. 25/10, p. 5827 BLE65-00567

CONTI, DENNIS MICHAEL
A FORMAL MODEL OF A GENERAL LEARNING MACHINE. (PH.D. 1973 PURDUE UNIVERSITY) 286p. 34/06-B, p. 2557 BLE73-29061

COOCH, FRANCIS ALLYN, III
AN EMPIRICAL STUDY OF THE RELATIONSHIP BETWEEN FIRM SIZE AND THE EXTENT OF INTERNAL CONTROL REGULATING COMPUTERIZED FINANCE AND ACCOUNTING SYSTEMS IN INDUSTRIAL CORPORATIONS. (D.B.A. 1972 THE GEORGE WASHINGTON UNIVERSITY) 271p. 33/07-B, p. 3178 BLE72-33039

COOK, THOMAS MURRAY
SCHEDULE-CONSTRAINED JOB SCHEDULING IN A MULTIPROGRAMMED COMPUTER. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 185p. 33/09-B, p. 4230 BLE73-07536

COOK, WILLIAM A.
BODY-ORIENTED COORDINATES FOR GENERATING THREE-DIMENSIONAL MESHES AND DEVELOPING ELASTOSTATIC COMPUTER PROGRAMS. (PH.D. 1972 UTAH STATE UNIVERSITY) 175p. 33/07-B, p. 3111 BLE73-00878

COOK, WILLIAM LANDY, 3RD
A GENERAL-PURPOSE CONVERSATIONAL SOFTWARE SYSTEM FOR THE ANALYSIS OF DISTORTED MULTI-SURFACE ANTENNAS. (SC.D. 1973 THE GEORGE WASHINGTON UNIVERSITY) 147p. 34/05-B, p. 1973 BLE73-23722

COOKE, CHARLIE HARRISON
THE EXISTENCE OF PERIODIC SOLUTIONS AND NORMAL MODE VIBRATIONS OF NONLINEAR SYSTEMS. (PH.D. 1966 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 65p. 27/06-B, p. 2018 BLE66-12917

COOKE, WILLIAM MARCUS
COMPUTER ANALYSIS OF ASYMMETRIC PEAKS IN GAS CHROMATOGRAPHY. (PH.D. 1972 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 118p. 33/10-B, p. 4701 BLE73-10347

COOLEN, RICHARD BARRY
A COMPUTER INTERFACED RAPID SCAN STOPPED-FLOW SYSTEM FOR THE STUDY OF TRANSIENTS IN ENZYME REACTIONS. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 157p. 35/09-B, p. 4351 BLE75-07143

COON, ROBERT RUNYON
THE LOGICAL DESIGN OF A DIGITAL COMPUTER USING ALGEBRAIC LANGUAGE. (PH.D. 1956 PURDUE UNIVERSITY) 111p. 17/02, p. 329 BLE00-19403

COOPER, CARL ANTHONY
AN OPTIMAL STOCHASTIC CONTROL PROBLEM WITH OBSERVATION IMPEDIMENTS. (PH.D. 1969 UNIVERSITY OF SOUTHERN CALIFORNIA) 104p. 30/11-B, p. 5042 BLE70-08520

COOPER, JAMES VAN BUSKIRK
A STUDY OF THE HUMAN TEMPERATURE REGULATORY SYSTEM USING COMPUTER SIMULATION. (PH.D. 1967 THE PENNSYLVANIA STATE UNIVERSITY) 192p. 28/09-B, p. 3704 BLE68-03531

COOPER, MELVIN LEE
THE APPLICATION OF LINEAR AND NON-LINEAR LIMB DARKENING LAWS IN THE DETERMINATION OF ORBITAL ELEMENTS OF SELECT ECLIPSING BINARY SYSTEMS BY THE COMPUTER ORIENTED BESTFIT ITERATIVE METHOD. (PH.D. 1970 GEORGETOWN UNIVERSITY) 541p. 31/05-B, p. 2437 BLE70-21299

COOPER, MICHAEL DAVID
EVALUATION OF INFORMATION RETRIEVAL SYSTEMS: A SIMULATION AND COST APPROACH. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, BERKELEY) 222p. 32/04-A, p. 2111 BLE71-25445

COOPER, PAUL DAVID
PERSISTENCE OF RAINLESS AND RAIN DAYS IN THE CONTERMINOUS UNITED STATES (WITH) APPENDIX: (COMPUTER OUTPUT) PERSISTENCE DATA SUMMARIES FOR FIFTY STATIONS IN THE CONTERMINOUS UNITED STATES. (PH.D. 1965 UNIVERSITY OF GEORGIA) 652p. 26/06, p. 3238 BLE65-10287

COOPERRIDER, ALLEN YALE
COMPUTER SIMULATION OF THE INTERACTION OF A DEER POPULATION WITH NORTHERN FOREST VEGETATION. (PH.D. 1974 STATE UNIVERSITY OF NEW YORK COL. OF ENVIRONMENTAL SCIENCE & FORESTRY) 229p. 35/05-B, p. 2006 BLE74-24025

COPELAND, GEORGE PRENTICE, JR.
A CELLULAR SYSTEM FOR NON-NUMERIC PROCESSING. (PH.D. 1974 THE UNIVERSITY OF FLORIDA) 164p. 36/03-B, p. 1354 BLE75-19321

COPPINGER, JOHN TIMOTHY
A STUDY OF THE IMPLEMENTATION OF INTERACTIVE COMPUTER GRAPHIC SYSTEMS FOR ARCHITECTS. (D.E.D. 1975 TEXAS A&M UNIVERSITY) 127p. 36/05-B, p. 2348 BLE75-25155

CORASICK, MARGARET JOHN
PROTECTION OF COMPUTER-BASED INFORMATION: A STUDY OF THE MEANS OF PROTECTION AND THE LEGAL FRAMEWORK IN WHICH SUCH PROTECTION IS UNDERTAKEN. (PH.D. 1974 LEHIGH UNIVERSITY) 149p. 35/11-A, p. 7242 BLE75-10364

CORCORAN, ANTHONY WAYNE JOHN
AN INTEGRATED SYSTEM OF DATA ANALYSIS FOR ALLOCATION PROBLEMS. (PH.D. 1966 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 197p. 27/03-A, p. 583 BLE66-07962

CORCORAN, TIMOTHY MICHAEL
A RELIABILITY REFORMULATION WITH APPLICATION TO COMPLEX SYSTEMS. (PH.D. 1971 STANFORD UNIVERSITY) 157p. 32/09-B, p. 5198 BLE72-08901

CORDEIRO, ALOYSIUS ANTHONY
COMPUTER SIMULATION STUDIES OF METHANE COMBUSTION IN LEAN PREMIXED METHANE-OXYGEN FLAMES AND THE EFFECT OF ELECTRIC FIELDS ON THESE FLAMES. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 143p. 35/03-B, p. 1278 BLE74-20912

CORFMAT, JEAN-PIERRE
DECENTRALIZED CONTROL OF LINEAR MULTIVARIABLE SYSTEMS. (PH.D. 1974 YALE UNIVERSITY) 149p. 35/11-B, p. 5420 BLE75-11266

CORLETT, DONALD ALEXANDER, JR.
REPLICA-PLATING AND COMPUTER ANALYSIS FOR RAPID IDENTIFICATION OF MICRO-ORGANISMS IN SEAFOODS. (PH.D. 1966 OREGON STATE UNIVERSITY) 126p. 26/11, p. 6304 BLE66-03917

CORLEY, MELVIN ROY
THE DESIGN AND EVALUATION OF THE INTERACTIVE GRAPHIC MAN-MACHINE INTERFACE: AN INFORMATION PROCESSING APPROACH. (PH.D. 1974 THE UNIVERSITY OF TEXAS AT AUSTIN) 166p. 35/05-B, p. 2209 BLE74-24643

CORNELL, RONALD GAINES
THE SYNTHESIS AND EVALUATION OF CELLULAR COMPUTERS. (PH.D. 1973 CORNELL UNIVERSITY) 248p. 34/10-B, p. 4964 BLE74-08376

CORNWELL, MAX THOMAS
RESTRUCTURING THE ACCOUNTING AND FINANCIAL CONTROL SYSTEMS OF LOCAL RELIGIOUS CONGREGATIONS. (D.B.A. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 216p. 33/02-A, p. 457 BLE72-21662

CORRENTI, RICHARD J.
PREDICTORS OF SUCCESS IN THE STUDY OF COMPUTER PROGRAMMING AT TWO-YEAR INSTITUTIONS OF HIGHER EDUCATION. (PH.D. 1969 OHIO UNIVERSITY) 116p. 30/09-A, p. 3718 BLE70-04732

CORSO, VICTOR ALAN
MICROBIAL PROCESS CONTROL AND THE DESIGN OF A SYSTEM FOR KINETIC STUDIES OF MICROBIAL PROCESSES. (ENG.SC.D. 1972 COLUMBIA UNIVERSITY) 170p. 33/01-B, p. 171 BLE72-19117

CORTES-RIVERA, GONZALO
FLOOD CONTROL PROJECT PLANNING BY MATHEMATICAL PROGRAMMING: A PROJECT-EXPANSION APPROACH. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 255p. 34/09-B, p. 4359 BLE74-05542

CORWIN, BARNET CHARLES
DESIGNING OPTIMAL FILE SYSTEMS. (PH.D. 1973 UNIVERSITY OF PENNSYLVANIA) 328p. 34/08-B, p. 3899 BLE74-02400

COSKUN, ALEV
ADMINISTRATIVE SYSTEMS AND MANAGEMENT PERFORMANCE IN SELECTED NATIONAL PUBLIC CORPORATIONS: TVA, IRI, RENAULT, AND SUMERBANK–A COMPARATIVE ANALYSIS. (D.P.A. 1972 NEW YORK UNIVERSITY) 496p. 33/06-A, p. 3005 BLE72-31153

COSTA, DAVID GOLDSTEIN
THE UNIFORM BEHAVIOR OF SOLUTIONS OF LINEAR HYPERBOLIC SYSTEMS FOR LARGE TIMES. (PH.D. 1973 BROWN UNIVERSITY) 98p. 34/09-B, p. 4498 BLE74-02995

COSTANZA, JAMES LEON
A THEORY OF SEQUENTIAL PATTERN RECOGNITION. (PH.D. 1962 CASE WESTERN RESERVE UNIVERSITY) 215p. 23/06, p. 2069 BLE62-05229

COSTELLO, FREDERICK ALEXANDER
OPTIMIZATION OF LARGE SYSTEMS WITH NONLINEAR HEAT-TRANSFER PHENOMENA. (PH.D. 1965 UNIVERSITY OF PENNSYLVANIA) 128p. 26/12, p. 7228 BLE66-04609

COULTER, NEAL STANLEY
A HUMAN INFORMATION ACQUISITION MODEL BASED ON DIALOG EXPERIMENTATION WHICH INCORPORATES DISPLAY-EFFECTS. (PH.D. 1974 GEORGIA INSTITUTE OF TECHNOLOGY) 179p. 35/07-B, p. 3278 BLE74-30079

COUNTRYMAN, DAVID WAYNE
SNAFOR (SIMULATION OF A NATIONAL FOREST): A COMPUTER SIMULATION FOR USE IN FOREST RESOURCE MANAGEMENT GAMES. (PH.D. 1973 THE UNIVERSITY OF MICHIGAN) 450p. 34/08-B, p. 3580 BLE74-03603

COURTNEY, JAMES FORREST, JR.
MARKET FORCES AND SYSTEMS ANALYSIS: IMPLICATIONS FOR ADVANCED RESIDENTIAL UTILITY SYSTEMS IN THE CONTEXT OF TECHNOLOGY ASSESSMENT. (PH.D. 1974 THE UNIVERSITY OF TEXAS AT AUSTIN) 185p. 35/01-A, p. 27 BLE74-14681

COWAN, GEORGE JR.
A GENERAL STRUCTURE FOR RESOURCE MANAGEMENT IN A COMPUTER NETWORK. (PH.D. 1975 THE UNIVERSITY OF WISCONSIN - MADISON) 164p. 36/08-B, p. 4068 BLE75-23838

COWAND, KEITH PARKER
DEVELOPMENT OF A SYSTEM FOR REPORTING DISCIPLINARY PROBLEMS BY UTILIZING DATA-PROCESSING. (ED.D. 1973 NORTH TEXAS STATE UNIVERSITY) 129p. 34/08-A, p. 4605 BLE74-04026

COX, BRUCE DONALD
COMPUTER PROGRAM STR3. (PH.D. 1973 ARIZONA STATE UNIVERSITY) 276p. 33/08-B, p. 3548 BLE73-04220

COX, DAVID FRANKLIN
ASYNCHRONOUS LOGIC DESIGN WITH FLIP-FLOP CONSTRAINTS. (PH.D. 1974 UTAH STATE UNIVERSITY) 121p. 36/01-B, p. 373 BLE75-14422

COX, GEORGE WAYNE
PORTABILITY AND ADAPTABILITY IN OPERATING SYSTEM DESIGN. (PH.D. 1975 PURDUE UNIVERSITY) 176p. 37/03-B, p. 1335 BLE76-20441

COX, KENNETH JACKSON
AN APPLIED SYNTHESIS TECHNIQUE FOR STRONGLY INTERACTING MULTIVARIABLE CONTROL SYSTEMS. (PH.D. 1966 RICE UNIVERSITY) 153p. 27/04-B, p. 1151 BLE66-10334

COX, LAVERNE ALVAH
SOME EFFECTS OF COMPUTERS ON DECISION-MAKING FOR DYNAMIC INVENTORY MANAGEMENT. (PH.D. 1966 THE UNIVERSITY OF NEBRASKA - LINCOLN) 411p. 27/02-A, p. 298 BLE66-07538

COX, MICHAEL DENNIS
PRE-ATTENTIVE INFORMATION PROCESSING IN PARANOID AND NON-PARANOID SCHIZOPHRENIA. (PH.D. 1976 BOWLING GREEN STATE UNIVERSITY) 95p. 37/02-B, p. 970 BLE76-17076

COX, WESLEY ARTHUR
INTERACTIVE COMPUTER GRAPHICS FOR ENGINEERING FIELD PROBLEMS. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 293p. 33/02-B, p. 677 BLE72-22159

CRABILL, THOMAS BUSKIRK
OPTIMAL CONTROL OF A QUEUE WITH VARIABLE SERVICE RATES. (PH.D. 1969 CORNELL UNIVERSITY) 120p. 30/09-B, p. 4248 BLE70-03757

CRAGG, EDWARD E.
ON A CONJUGATE GRADIENT-RESTORATION ALGORITHM FOR MATHEMATICAL PROGRAMMING PROBLEMS. (PH.D. 1971 RICE UNIVERSITY) 37p. 32/04-B, p. 2276 BLE71-26277

CRALL, RICHARD FRANKLIN
IDDAP–INTERACTIVE COMPUTER ASSISTANCE FOR CREATIVE DIGITAL DESIGN. (PH.D. 1970 UNIVERSITY OF MISSOURI - ROLLA) 70p. 32/03-B, p. 1561 BLE71-22366

CRANDALL, KEITH CHARLES
THE DESIGN OF A LIMITED INTERACTIVE MANAGEMENT SYSTEM FOR CONSTRUCTION PROJECT CONTROL. (PH.D. 1971 STANFORD UNIVERSITY) 226p. 32/02-B, p. 917 BLE71-19668

CRANDALL, VERN JAY
A COMPUTER STUDY OF ESTIMATORS OF ED50 IN DILUTION ASSAYS BASED ON VIRUS TITRATIONS. (PH.D. 1972 UNIVERSITY OF WASHINGTON) 354p. 33/12-B, p. 5691 BLE73-13807

CRANE, ROBERT NELSON
CLOSED LOOP FORMULATIONS OF OPTIMAL CONTROL PROBLEMS FOR MINIMUM SENSITIVITY. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 98p. 31/08-B, p. 4679 BLE71-03856

CRAWFORD, GEORGE W.
HYBRID COMPUTER PREDICTOR-CORRECTOR SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS: A CONTINUOUS SPACE-DISCRETE TIME APPROACH. (PH.D. 1970 CARNEGIE-MELLON UNIVERSITY) 204p. 31/07-B, p. 4036 BLE70-19733

CRAWFORD, JEFFREY L.
AN EXPERIMENTAL ANALYSIS OF PREDECISIONAL INFORMATION SEEKING IN A SOCIAL INFLUENCE SITUATION. (PH.D. 1972 UNIVERSITY OF NEW HAMPSHIRE) 118p. 32/09-A, p. 5336 BLE72-09178

CRAWFORD, JOHN LEE
A SYSTEMS APPROACH MODEL FOR THE APPLICATION OF GENERAL SYSTEMS THEORY PRINCIPLES TO EDUCATION. (ED.D. 1974 UNIVERSITY OF HOUSTON) 210p. 35/07-A, p. 4044 BLE75-01012

CRAWFORD, JUDSON WILLIAM
STOCHASTIC NETWORK FLOWS. (PH.D. 1971 THE JOHNS HOPKINS UNIVERSITY) 206p. 34/01-B, p. 172 BLE73-16670

CRAWFORD, NORMAN HOLMES
THE SYNTHESIS OF CONTINUOUS STREAMFLOW HYDROGRAPHS ON A DIGITAL COMPUTER. (PH.D. 1962 STANFORD UNIVERSITY) 133p. 23/11, p. 4290 BLE63-02710

CRAWFORD, RAYMOND MAXWELL, JR.
ANALYTICAL STABILITY CRITERIA FOR SPACE-DEPENDENT SYSTEMS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 216p. 30/11-B, p. 5075 BLE70-08125

CREAMER, LYLE ROSS
A STUDY OF A LIMIT FOR HUMAN DATA PROCESSING. (PH.D. 1962 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 77p. 23/11, p. 4430 BLE63-03222

CREEGER, ELVA STEARNS
SOLVATION STUDIES OF DIPOLAR APROTIC SOLVENTS AND THEIR APPLICATION TO A MODEL SYSTEM FOR ACTIVE-SITES OF ENZYMES. (PH.D. 1974 WESLEYAN UNIVERSITY) 175p. 35/04-B, p. 1539 BLE74-23019

CRESWELL, DORIS E.
AN EXPLORATORY STUDY TO DETERMINE TECHNIQUES FOR EVALUATING THE APPLICATION OF AN INFORMATION SYSTEM TO CURRICULUM DECISION-MAKING IN ELEMENTARY SCHOOL MATHEMATICS. (D.ED. 1971 THE PENNSYLVANIA STATE UNIVERSITY) 179p. 33/01-A, p. 140 BLE72-19297

CRISP, HARRY EDWARD, II
A FREQUENCY RESPONSE METHOD FOR THE ANALYSIS AND DESIGN OF MULTIRATE SAMPLED-DATA SYSTEMS. (PH.D. 1971 AUBURN UNIVERSITY) 167p. 32/10-B, p. 5789 BLE72-11275

CRISSEY, BRIAN LAIRD
A RATIONAL FRAMEWORK FOR THE USE OF COMPUTER SIMULATION MODELS IN A POLICY CONTEXT. (PH.D. 1975 THE JOHNS HOPKINS UNIVERSITY) 392p. 36/10-B, p. 5139 BLE76-08515

CROFT, THOMAS ARTHUR
THE RAYSET METHOD FOR COMPUTER SYNTHESIS OF HF GROUND BACKSCATTER. (PH.D. 1965 STANFORD UNIVERSITY) 181p. 26/03, p. 1551 BLE65-09434

CROM, RICHARD JAMES
COMPUTER MODELS OF PRICE AND OUTPUT DETERMINATION IN THE LIVESTOCK-MEAT ECONOMY. (PH.D. 1964 IOWA STATE UNIVERSITY) 236p. 25/11, p. 6273 BLE65-04600

CRONIN, DONALD LESLIE
RESPONSE OF LINEAR, VISCOUS DAMPED SYSTEMS TO EXCITATIONS HAVING TIME-VARYING FREQUENCY. (PH.D. 1966 CALIFORNIA INSTITUTE OF TECHNOLOGY) 170p. 26/08, p. 4544 BLE66-00515

CROOKS, THOMAS PAUL
A COMPUTER MODEL FOR THE SYNTHESIS OF THEORIES OF DECOMPRESSION SICKNESS IN DIVING AND AVIATION. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 252p. 32/07-B, p. 3907 BLE72-02796

CROSBY, HERBERT ARNHOLD
AN ANALYSIS OF SAMPLED-DATA SYSTEMS WITH DELAYED SWITCHING. (SC.D. 1960 WASHINGTON UNIVERSITY) 120p. 21/08, p. 2226 BLE60-04662

CROSS, EDWARD MEIER
THE BEHAVIORAL STYLES, WORK PREFERENCES AND VALUES OF AN OCCUPATIONAL GROUP: COMPUTER PROGRAMMERS. (D.B.A. 1970 THE GEORGE WASHINGTON UNIVERSITY) 291p. 32/07-B, p. 4273 BLE72-01984

CROSS, JAMES SOLOMON
COOPERATIVE PROGRAMS AND LIBRARY AUTOMATION. (PH.D. 1974 UNIVERSITY OF PITTSBURGH) 194p. 35/03-A, p. 1610 BLE74-19524

CROSSMAN, FRANCIS WENDELL, JR.
COMPUTER SIMULATION OF THE DEFORMATION OF COMPOSITE AND POLYCRYSTALLINE MATERIALS BY FINITE ELEMENT ANALYSIS. (PH.D. 1972 STANFORD UNIVERSITY) 210p. 33/05-B, p. 2187 BLE72-30617

CROUCH, CAROLYN JONES
LANGUAGE RELATIONS IN A GENERALIZED INFORMATION STORAGE AND RETRIEVAL SYSTEM. (PH.D. 1971 SOUTHERN METHODIST UNIVERSITY) 177p. 32/12-B, p. 7146 BLE72-16303

CROUTHAMEL, WILLARD WILLIAM
THE DEVELOPMENT OF STATISTICS USING SIMULATION, COMPUTER ASSISTED, AND LINKING CONCEPT TECHNIQUES. (ED.D. 1969 AUBURN UNIVERSITY) 215p. 30/09-A, p. 3629 BLE70-05336

CROW, FRANKLIN C.
THE ALIASING PROBLEM IN COMPUTER-SYNTHESIZED SHADED IMAGES. (PH.D. 1976 UNIVERSITY OF UTAH) 104p. 36/12-B, p. 6269 BLE76-12366

CROW, LOWELL EVERETT
AN INFORMATION PROCESSING APPROACH TO INDUSTRIAL BUYING: THE SEARCH AND CHOICE PROCESS. (D.B.A. 1975 INDIANA UNIVERSITY, GRADUATE SCHOOL OF BUSINESS) 333p. 36/03-A, p. 1634 BLE75-19666

CROWLEY, CHARLES PATRICK
ANALYSIS AND SIMULATION OF GRAPH MODELS. (PH.D. 1976 UNIVERSITY OF WASHINGTON) 173p. 37/02-B, p. 853 BLE76-17448

CROWLEY, JOHN DONEGAN, JR.
SOLER (SYSTEM FOR ON-LINE ENTRY AND RETRIEVAL): A SYSTEM FOR INTERACTIVE DATA-BASE CREATION AND INTERROGATION. (PH.D. 1972 UNIVERSITY OF PENNSYLVANIA) 311p. 33/07-B, p. 3031 BLE73-01370

CRUM, LARRY ALLEN
MULTIDIMENSIONAL LAPLACE TRANSFORM ANALYSIS OF NONLINEAR SYSTEMS. (PH.D. 1971 MARQUETTE UNIVERSITY) 281p. 32/08-B, p. 4587 BLE72-05777

CRUSE, DONNA FAY
RECODING STRATEGIES AND THE RETRIEVAL OF INFORMATION FROM MEMORY. (PH.D. 1970 UNIVERSITY OF MASSACHUSETTS) 62p. 31/05-B, p. 3017 BLE70-22231

CRUZ, JOSE BEJAR, JR.
ON THE SYNTHESIS OF TIME-VARYING LINEAR SYSTEMS. (PH.D. 1959 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 104p. 20/08, p. 3243 BLE60-00163

CSERMELY, THOMAS JOHN
ANALYSIS OF NEURAL NET DYNAMICS BY COMPUTER SIMULATION. (PH.D. 1968 SYRACUSE UNIVERSITY) 230p. 29/12-B, p. 4540 BLE69-08621

CULLINANE, THOMAS PAUL
A TRANSIENT ANALYSIS OF TWO LINK FIXED CONVEYOR SYSTEMS. (PH.D. 1972 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 231p. 32/12-B, p. 7055 BLE72-18006

CULLUM, CLIFTON DAVID, JR.
EQUIVALENCE RELATIONS FOR THE CLASSIFICATION AND SOLUTION OF OPTIMAL CONTROL PROBLEMS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 122p. 27/04-B, p. 1151 BLE66-08296

CULLUM, JANE KEHOE
CONTINUOUS OPTIMAL CONTROL PROBLEMS WITH PHASE SPACE CONSTRAINTS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 95p. 27/03-B, p. 874 BLE66-08297

CULP, GEORGE HART
AN APPROACH TO THE USE OF COMPUTER-ASSISTED INSTRUCTION IN ORGANIC CHEMISTRY. (PH.D. 1969 THE UNIVERSITY OF TEXAS AT AUSTIN) 527p. 30/12-A, p. 5308 BLE70-10771

CULVER, WALTER JULIUS
A MODELING THEORY FOR A CLASS OF OPTIMAL CONTROL SYSTEMS. (PH.D. 1964 CASE WESTERN RESERVE UNIVERSITY) 219p. 25/07, p. 3013 BLE64-12908

CUMBEE, CARROLL F., JR.
INSTRUCTIONAL SYSTEMS: THEIR DESIGN AND POSSIBLE IMPACT UPON CHANGING CURRICULA. (ED.D. 1972 THE UNIVERSITY OF FLORIDA) 132p. 34/01-A, p. 118 BLE73-15486

CUMBERBATCH, FLOYD FERDINAND
A COMPARATIVE ANALYSIS OF SELECTED COMPUTER-BASED SCIENTIFIC AND TECHNICAL INFORMATION SYSTEMS IN THE PUBLIC HEALTH SERVICE AGENCIES. (PH.D. 1976 THE AMERICAN UNIVERSITY) 208p. 37/03-A, p. 1281 BLE76-19654

CUNNINGHAM, GEORGE KERNS
EFFECT OF COMPUTER-BASED INSTRUCTION (CBI) FRAME STYLE ON PERFORMANCE IN STATISTICS. (PH.D. 1975 THE UNIVERSITY OF ARIZONA) 54p. 36/08-A, p. 5142 BLE76-03794

CUNNINGHAM, JAMES FLOYD, JR.
MACHINE DATA PROCESSING FOR EDUCATIONAL ADMINISTRATORS: PROBLEMS AND SOLUTIONS. (ED.D. 1961 THE UNIVERSITY OF TENNESSEE) 355p. 23/04, p. 1241 BLE62-03713

CUNNINGHAM, JAMES RICHARD
AUTOMATIC COMPUTER GENERATION OF SOLUTION PROCEDURES TO LARGE SETS OF NONLINEAR SIMULTANEOUS-EQUATIONS VIA GENDER. (PH.D. 1972 THE UNIVERSITY OF FLORIDA) 525p. 34/06-B, p. 2585 BLE73-29168

CUNNINGHAM, MICHAEL ALAN
A PSYCHOLOGICAL THEORY AND COMPUTER MODEL OF SENSORIMOTOR INTELLIGENCE. (PH.D. 1973 UNIVERSITY OF PENNSYLVANIA) 274p. 34/08-B, p. 3741 BLE74-02401

CUNNINGHAM, ROGER JEROME
A COMPUTER PROGRAM FOR USE IN SCHEDULING SCHOOL BUS ROUTES. (ED.D. 1966 UNIVERSITY OF NORTHERN COLORADO) 116p. 27/06-A, p. 1580 BLE66-12166

CUNNINGHAM, THOMAS BROWNING
THE DESIGN OF A PILOT AUGMENTED LANDING APPROACH CONTROL SYSTEM. (PH.D. 1973 PURDUE UNIVERSITY) 225p. 34/06-B, p. 2571 BLE73-28064

CURADO, FERNANDO
THE APPLICATION OF OPTIMAL-CONTROL THEORY TO A CLASS OF EMPLOYMENT PLANNING PROBLEMS. (PH.D. 1972 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 210p. 33/12-B, p. 5843 BLE73-13109

CURLESS, JACK CAMP
A COMPARATIVE ANALYSIS BETWEEN 1969 AND 1973 OF THE MINIMUM EDUCATIONAL REQUIREMENTS NECESSARY FOR ENTRY INTO THIRTEEN TYPES OF ELECTRONIC DATA-PROCESSING POSITIONS. (ED.D. 1973 NORTHERN ILLINOIS UNIVERSITY) 233p. 34/08-A, p. 4488-BLE74-02791

CUROW, JANET MARILYN
MODIFYING MANAGEMENT CONTROL SYSTEMS TO FUNCTION AS FEEDBACK SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF MICHIGAN) 81p. 36/10-A, p. 6545 BLE76-09378

CURRIE, RICHARD LYNN
A SODIUM IODIDE(THALLIUM) SHIELDED GERMANIUM(LITHIUM) DETECTOR SYSTEM FOR ACTIVATION ANALYSIS AND ITS APPLICATION TO GEOLOGICAL MATERIAL. (PH.D. 1971 CORNELL UNIVERSITY) 121p. 32/10-B, p. 5978 BLE72-13161

CURRY, JERRY LEE
A COMPUTER-AIDED ANALYTICAL STUDY OF KYRIES IN SELECTED MASSES BY JOHANNES OCKEGHEM. (PH.D. 1969 THE UNIVERSITY OF IOWA) 232p. 30/09-A, p. 3969 BLE70-04344

CURTIS, ROBERT ALLEN
ANALYSIS AND SYNTHESIS OF AUTOMATIC GAIN CONTROL SYSTEMS. (SC.D. 1975 THE GEORGE WASHINGTON UNIVERSITY) 126p. 36/09-B, p. 4623 BLE76-05080

CUSTER, DAVID DUANE
AN APPROACH TO COMPUTER-ASSISTED INSTRUCTION FOR THE AURALLY HANDICAPPED. (PH.D. 1971 UNIVERSITY OF COLORADO AT BOULDER) 77p. 32/04-A, p. 1940 BLE71-25814

CYRE, WALLING RAYMOND
A COMPUTER ARCHITECTURE FOR EMERGENCY-CALL PROCESSING. (PH.D. 1973 THE UNIVERSITY OF FLORIDA) 144p. 35/02-B, p. 820 BLE74-19135

CYRUS, VIRGINIA JOAN
THE TOLLEMACHE OROSIUS: TEXT WITH SPACING NOTATION EDITED FOR COMPUTER ANALYSIS. (PH.D. 1968 UNIVERSITY OF WASHINGTON) 556p. 29/07-A, p. 2241 BLE69-01160

D

DACEY, MICHAEL FRANCIS
IDENTIFICATION OF PATTERNS ON MAPS WITH SPECIAL REFERENCE TO DATA REDUCTION FOR SYSTEMS ANALYSIS. (PH.D. 1960 UNIVERSITY OF WASHINGTON) 140p. 22/01, p. 224 BLE61-01314

D'ADDARIO, LARRY ROBERT
THE STANFORD SYNTHESIS RADIO TELESCOPE: THEORY, CALIBRATION, AND DATA-PROCESSING; AND A STUDY OF GALACTIC HYDROGEN-II REGIONS. (PH.D. 1974 STANFORD UNIVERSITY) 221p. 35/03-B, p. 1256 BLE74-20184

DAGAN, JACOB
PHYSICAL ANALYSIS AND OPTIMIZATION OF IMAGING SYSTEMS IN NUCLEAR MEDICINE WITH APPLICATION TO QUANTITATIVE RADIOCARDIOGRAPHY. (ENG.SC.D. 1974 COLUMBIA UNIVERSITY) 166p. 35/11-B, p. 5459 BLE75-07488

DAGUE, LEONARD PAUL
DUAL AXES PRECISION LASER BEAM DEFLECTION CONTROL SYSTEMS. (PH.D. 1972 UNIVERSITY OF PENNSYLVANIA) 94p. 33/04-B, p. 1546 BLE72-25560

DAHL, ROY EDWARD, JR.
A COMPUTER SIMULATION STUDY OF TILT GRAIN BOUNDARIES IN GAMMA-IRON AND THEIR INTERACTIONS WITH POINT DEFECTS. (PH.D. 1970 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 233p. 31/10-B, p. 6023 BLE71-10253

DAHL, WILLIAM JOHN
AN INTERACTIVE SYSTEM DESIGN AND OPTIMIZATION ALGORITHM. (PH.D. 1974 PURDUE UNIVERSITY) 172p. 35/11-B, p. 5377 BLE75-10665

DAHLIN, ERIK BJORN
THEORETICAL AND COMPUTATIONAL ASPECTS OF OPTIMAL PRINCIPLES WITH SPECIAL APPLICATION TO POWER SYSTEM OPERATION. (PH.D. 1964 UNIVERSITY OF PENNSYLVANIA) 250p. 25/09, p. 5180 BLE65-01358

DALE, CLIFFORD HARVEY
ELECTRONIC DATA PROCESSING AND THE MAINTENANCE OF INDIVIDUALIZATION IN THE SECONDARY SCHOOL. (ED.D. 1968 THE UNIVERSITY OF NEBRASKA - LINCOLN) 362p. 29/07-A, p. 2067 BLE68-18044

DALE, OLIVER BRUCE
MULTI-PARAMETER IDENTIFICATION AND OPTIMIZATION METHODS FOR LINEAR CONTINUOUS VIBRATORY SYSTEM. (PH.D. 1970 PURDUE UNIVERSITY) 206p. 32/10-B, p. 5820 BLE72-12793

DALKE, GEORGE WILLIAM
IMAGE ANALYSIS SYSTEMS. (PH.D. 1972 UNIVERSITY OF KANSAS) 223p. 33/11-B, p. 5375 BLE73-11874

DALLAS, WILLIAM JOHN
COMPUTER HOLOGRAMS–IMPROVING THE BREED. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, SAN DIEGO) 147p. 33/11-B, p. 5454 BLE73-10969

DALLUL, RAMZI ATA
GAP ANALYSIS: AN INTER-TEMPORAL MATHEMATICAL PROGRAMMING APPROACH: THE CASE OF THE UNITED ARAB REPUBLIC. (PH.D. 1968 COLUMBIA UNIVERSITY) 370p. 32/01-A, p. 30 BLE71-17574

DALPHIN, JOHN F.
DIRECT COMPUTATION OF GENERALIZED INVERSES AND MINIMUM NORM LEAST-SQUARES SOLUTIONS FOR SOME LINEAR SYSTEMS EXPRESSED IN TENSOR PRODUCT FORM. (PH.D. 1973 CLARKSON COLLEGE OF TECHNOLOGY) 179p. 34/05-B, p. 2154 BLE73-25025

DAMBORG, MARK JOHANNES
STABILITY OF THE BASIC NONLINEAR OPERATOR FEEDBACK SYSTEM. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 217p. 30/05-B, p. 2166 BLE69-17966

DAMMANN, JOHN FRANCIS, JR.
ERROR SIGNAL ESTIMATION FOR FEEDBACK CONTROL SYSTEMS. (PH.D. 1971 UNIVERSITY OF VIRGINIA) 90p. 32/08-B, p. 4587 BLE72-07308

DANCE, DENNIS LEE
AN ONLINE DATA-COMPRESSION SYSTEM. (PH.D. 1973 TEXAS A&M UNIVERSITY) 259p. 34/07-B, p. 3198 BLE74-01003

DANDAPANI, RAMASWAMI
FAULT DETECTION AND THE DESIGN OF COMBINATIONAL LOGIC CIRCUITS WITH TESTABILITY AND REDUNDANCY CRITERIA. (PH.D. 1974 THE UNIVERSITY OF IOWA) 187p. 35/12-B, p. 5844 BLE75-13740

D'ANGELO, HENRY
ANALYSIS AND SYNTHESIS OF LINEAR TIME-VARYING AUTOMATIC CONTROL SYSTEMS. (PH.D. 1964 THE UNIVERSITY OF WISCONSIN - MADISON) 421p. 25/06, p. 3478 BLE64-12719

DANIEL, OWEN DENNIS
A MODEL FOR FINITE DATA GRAPHS WITH RELOCATABLE REALIZATIONS. (PH.D. 1974 TEXAS A&M UNIVERSITY) 96p. 35/08-B, p. 3868 BLE75-02840

DANIELS, HOWARD AUSTIN, JR.
REAL-TIME POWER SYSTEM SECURITY ANALYSIS. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT ARLINGTON) 164p. 33/01-B, p. 194 BLE72-08948

DANIELS, STUART FREDERICK
A TECHNIQUE FOR THE ANALYSIS OF DIGITAL SYSTEMS DYNAMICS. (PH.D. 1970 CASE WESTERN RESERVE UNIVERSITY) 188p.
31/07-B, p. 3979 BLE71-01674

DANIELSON, RONALD LEE
PATTIE: AN AUTOMATED TUTOR FOR TOP-DOWN PROGRAMMING. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 121p.
36/09-B, p. 4562 BLE76-06743

DANNENBERG, KLAUS DIETER
ANALYSIS AND CONTROL OF RANDOMLY-SAMPLED SYSTEMS. (PH.D. 1972 SOUTHERN METHODIST UNIVERSITY) 119p. 33/09-B, p. 4274 BLE73-08199

DARCY, VINCENT JAMES
THE DESIGN OF AN OPTIMAL ADAPTIVE LATERAL-DIRECTIONAL FLIGHT CONTROL SYSTEM FOR A HIGH-PERFORMANCE AIRCRAFT. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 111p.
33/12-B, p. 5782 BLE73-13133

DARLEY, CHARLES FREDERIC
EFFECTS OF MEMORY LOAD AND ITS ORGANIZATION ON THE PROCESSING OF INFORMATION IN SHORT TERM MEMORY. (PH.D. 1974 STANFORD UNIVERSITY) 83p. 34/12-B, p. 6234 BLE74-13618

DARRINGER, JOHN A.
THE DESCRIPTION, SIMULATION, AND AUTOMATIC IMPLEMENTATION OF DIGITAL COMPUTER PROCESSORS. (PH.D. 1969 CARNEGIE-MELLON UNIVERSITY) 333p. 30/05-B, p. 2189 BLE69-19088

DART, [illegible] KENNETH, JR.
DEVELOPMENT OF FACTUAL WARRANTS FOR LEFT-TURN CHANNELIZATION THROUGH DIGITAL COMPUTER SIMULATION. (PH.D. 1966 TEXAS A&M UNIVERSITY) 160p. 27/01-B, p. 162 BLE66-06610

DAS, RADHE SHYAM LAL
SUPPLEMENTARY CONTROLS FOR FREQUENCY STABILIZATION IN MULTI-MACHINE ELECTRIC POWER SYSTEMS. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 212p.
35/07-B, p. 3327 BLE74-29386

DASENBROCK, DAVID HENRY
A COMPARISON OF CAI (COMPUTER ASSISTED INSTRUCTION) AND NON-CAI STUDENT PERFORMANCE WITHIN INDIVIUALIZED SCIENCE INSTRUCTIONAL MATERIALS-ISCS (INTERMEDIATE SCIENCE CURRICULUM STUDY)–GRADE SEVEN. (PH.D. 1970 THE FLORIDA STATE UNIVERSITY) 87p.
31/09-A, p. 4575 BLE71-06992

DATKO, RICHARD FRANK
SOME RESULTS IN NONLINEAR CONTROL THEORY. (PH.D. 1963 UNIVERSITY OF SOUTHERN CALIFORNIA) 60p. 24/09, p. 3767 BLE64-03096

DATTA, NIBIR KANTI
A NEW APPROACH TO SIMULATION OF NONLINEAR SYSTEMS. (PH.D. 1975 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 151p.
36/03-B, p. 1355 BLE75-18768

DATTOLA, ROBERT THOMAS
AUTOMATIC CLASSIFICATION IN DOCUMENT RETRIEVAL SYSTEMS. (PH.D. 1973 CORNELL UNIVERSITY) 239p. 34/07-B, p. 3199 BLE73-31798

DAUER, JERALD PAUL
CONTROLLABILITY OF LINEAR AND NONLINEAR SYSTEMS. (PH.D. 1970 UNIVERSITY OF KANSAS) 68p. 31/11-B, p. 6742 BLE71-13296

DAUGHERTY, WILLIAM KING
AN EXPLORATORY STUDY IN THE CLASSIFICATION OF ACCOUNTING DATA FOR STORAGE, RETRIEVAL, AND PROCESSING. (PH.D. 1969 THE UNIVERSITY OF TEXAS AT AUSTIN) 231p.
30/04-A, p. 1274 BLE69-15804

DAVERIO, PAUL VICTOR
THE IMPLICATIONS FOR PRODUCTION MANAGEMENT OF THE INTERRELATED DEVELOPMENTS OF NUMERICAL CONTROL, ADAPTIVE CONTROL AND COMPUTER-AIDED DESIGN. (D.B.A. 1967 INDIANA UNIVERSITY) 261p. 28/02-A, p. 355 BLE67-10336

DAVID, REMIGIUS
A STUDY OF THE PERCEPTIONS OF SELECTED DIOCESAN SUPERINTENDENTS OF EDUCATION RELATIVE TO SCHOOL MANAGEMENT IN THE PLANNING - PROGRAMMING - BUDGETING (PPBS) METHOD OF SYSTEMS ANALYSIS. (ED.D. 1972 UNIVERSITY OF MIAMI) 139p.
33/06-A, p. 2635 BLE72-31906

DAVIDOVICZ, HERMAN M.
VISUAL INFORMATION PROCESSING IN CHILDREN AS EXAMINED THROUGH A VARIED SET MEMORY SEARCH TASK. (PH.D. 1974 HOFSTRA UNIVERSITY) 84p. 35/08-B, p. 4212 BLE75-04231

DAVIDSON, EPHRAIM EDWARD
PRESENT AND PROPOSED COMPUTER USES IN COLLEGES AND UNIVERSITIES. (PH.D. 1966 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 192p.
27/02-A, p. 298 BLE66-06439

DAVIDSON, GORDON BRUCE
A DIGITAL COMPUTER STUDY OF POWER SYSTEM STABILITY TECHNIQUES. (PH.D. 1970 THE UNIVERSITY OF SASKATCHEWAN (CANADA)) 196p.
31/08-B, p. 4680 BLE71-03227

DAVIES, JOHN CHARLES
ERRORS IN FRACTIONAL-INTEGER PROGRAMMING. (SC.D. 1973 NEW MEXICO STATE UNIVERSITY) 212p.
34/04-B, p. 1533 BLE73-22818

DAVIES, THOMAS PETER
AN EVALUATION OF COMPUTER-ASSISTED INSTRUCTION USING A DRILL - AND - PRACTICE PROGRAM IN MATHEMATICS. (PH.D. 1972 UNITED STATES INTERNATIONAL UNIVERSITY) 135p.
32/12-B, p. 6970 BLE72-18627

DAVIS, ALAN LYNN
SPL: A STRUCTURED PROGRAMMING LANGUAGE. (PH.D. 1972 UNIVERSITY OF UTAH) 187p.
33/07-B, p. 3032 BLE73-01807

DAVIS, ALAN MARK
AN INTERACTIVE ANALYSIS SYSTEM FOR EXECUTION-TIME ERRORS. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 106p.
36/01-B, p. 326 BLE75-14100

DAVIS, ASA SANFORD, JR.
HIGH SPEED ANALYSIS OF RELIABLE LIFE DATA USING COMPUTER INTERACTIVE GRAPHICS. (PH.D. 1976 UNIVERSITY OF RHODE ISLAND) 277p.
37/05-B, p. 2446 BLE76-25530

DAVIS, DANIEL BERNARD
THE DEVELOPMENT OF MATHEMATICAL PROGRAMMING TECHNIQUES IN EDUCATIONAL ADMINISTRATION: A HEURISTIC MODEL FOR REDISTRICTING LARGE URBAN SCHOOL DISTRICTS. (ED.D. 1972 STANFORD UNIVERSITY) 165p.
32/12-A, p. 6704 BLE72-16822

DAVIS, EDWARD WILLMORE, JR.
A MULTIPROCESSOR FOR SIMULATION APPLICATIONS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 160p.
34/02-B, p. 624 BLE73-17176

DAVIS, HERBERT LOUIS
A NUMERICAL ANALYSIS OF VISCOELASTIC FLUIDS FLOWING IN A CONVERGING ENTRANCE GEOMETRY. (PH.D. 1971 THE UNIVERSITY OF TENNESSEE) 149p.
32/11-B, p. 6374 BLE72-15614

DAVIS, JAMES MURNANE
THE SENSITIVITY AND CONTROL OF DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 115p.
31/09-B, p. 5363 BLE71-05078

DAVIS, PAUL WILLIAM
GENERALIZATIONS OF THE PHASE-SHIFT-AVERAGING METHOD FOR OSCILLATIONS IN PIECEWISE LINEAR SYSTEMS. (PH.D. 1970 RENSSELAER POLYTECHNIC INSTITUTE) 98p.
31/11-B, p. 6742 BLE71-12814

DAVIS, RICHARD FLEMING, JR.
FAULT TESTING IN COMBINATIONAL AND SEQUENTIAL TREE CIRCUITS. (PH.D. 1972 WASHINGTON STATE UNIVERSITY) 219p.
32/12-B, p. 6970 BLE72-18611

DAVISON, DAVID MALCOLM
A COMPONENT FOR A METHODS COURSE FOR PRE-SERVICE SECONDARY SCHOOL MATHEMATICS TEACHERS INVOLVING COMPUTERS AND OTHER LABORATORY ACTIVITIES. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 149p.
35/01-A, p. 294 BLE74-14526

DAVISSON, JOHN NOAH
DESIGN AND SYNTHESIS OF POTENTIAL REACTIVATORS OF PHOSPHORYLATED CHOLINESTERASE IN THE CENTRAL NERVOUS SYSTEM. (PH.D. 1971 PURDUE UNIVERSITY) 90p.
33/09-B, p. 4209 BLE73-06151

DAVITT, ROBERT JOSEPH
USING COMPUTER BASED RESOURCE GUIDES TO TEACH THE SKILLS OF LISTENING. (ED.D. 1970 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 213p.
31/04-A, p. 1682 BLE70-20032

DAY, HARVEY
AN ALTERNATIVE TEACHER TRAINING STRATEGY BASED ON RESOURCE EXCHANGING: A CONCEPTUAL FRAMEWORK FOR A COMPUTER BASED SIMULATION. (PH.D. 1975 THE UNIVERSITY OF MICHIGAN) 167p.
36/06-A, p. 3579 BLE75-29205

DAY, JOHN CECIL-KEELING
A RECURSIVE PROGRAMMING MODEL FOR THE SELECTION OF NON-STRUCTURAL FLOOD PLAIN MANAGEMENT SYSTEMS. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 303p.
31/02-A, p. 537 BLE70-03610

DAY, KENTON STANLEY
OPTIMAL CONTROL OF LINEAR TIME-LAG SYSTEMS. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, DAVIS) 95p. 29/03-B, p. 1003 BLE68-12344

DAY, RALPH LEWIS
A STUDY OF MATHEMATICAL PROGRAMMING AS A TOOL FOR MARKETING MANAGEMENT. (PH.D. 1961 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 211p. 22/11, p. 3885 BLE61-00099

DAYRINGER, HENRY EARL
COMPUTER-AIDED INTERPRETATION OF MASS SPECTRA: AN IMPROVED STIRS PROGRAM GIVING INFORMATION ON SUBSTRUCTURE PROBABILITIES. (PH.D. 1976 CORNELL UNIVERSITY) 172p.
37/01-B, p. 179 BLE76-15900

DEANE, FRANCIS MARY
SYNTHESIS OF OPTIMAL PROGRAMMABLE CONTROL POLICIES FOR LUMPED AND DISTRIBUTED PARAMETER REACTOR SYSTEMS. (PH.D. 1974 UNIVERSITY OF MARYLAND) 372p.
36/01-B, p. 345 BLE75-15771

DEANS, JAMES ELLIOTT, JR.
A HEURISTIC INTEGER PROGRAMMING APPROACH TO CERTAIN TYPES OF COMPUTER SYSTEM DESIGN TRADE-OFF DECISIONS. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 182p.
33/09-B, p. 4275 BLE73-07538

DEATON, EDMUND IKE
SOLUTIONS OF A SYSTEM OF TWO NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS OF THE FIRST ORDER, WITH ACCESSORY BOUNDARY CONDITIONS. (PH.D. 1960 THE UNIVERSITY OF TEXAS AT AUSTIN) 47p. 21/09, p. 2729 BLE60-06611

DEB, RAJAT KANTI
OPTIMAL CONTROL OF BULK QUEUES. (PH.D. 1972 SYRACUSE UNIVERSITY) 93p.
33/01-B, p. 147 BLE72-20322

DE BAERDEMAEKER, JOSSE G.
EXPERIMENTAL AND NUMERICAL TECHNIQUES RELATED TO THE STRESS ANALYSIS OF APPLES UNDER STATIC LOADS. (PH.D. 1975 MICHIGAN STATE UNIVERSITY) 166p.
36/03-B, p. 1323 BLE75-20824

DE BALOGH, FRANK GABRIEL, JR.
SYSTEMS ANALYSIS IN CALIFORNIA LAW ENFORCEMENT. (PH.D. 1975 UNIVERSITY OF SOUTHERN CALIFORNIA) 321p.
36/09-A, p. 6297 BLE76-05239

DE BENEDICTIS, MICHELE
INTRATEMPORAL RESOURCE EFFICIENCIES IN LEASING SYSTEMS – AN APPLICATION OF LINEAR PROGRAMMING. (PH.D. 1957 IOWA STATE UNIVERSITY) 180p. 18/05, p. 1655 BLE58-01032

DE BOER, DELMER D.
A COMPARATIVE STUDY OF THE EFFECTS OF A COMPUTER-ORIENTED APPROACH TO INTRODUCTORY CALCULUS. (PH.D. 1973 GEORGE PEABODY COLLEGE FOR TEACHERS) 82p.
34/08-B, p. 3912 BLE74-04619

DEBROSSE, CHARLES JOSEPH
FEASIBLE-POINT AND OPTIMIZATION ALGORITHMS FOR STRUCTURED DESIGN SYSTEMS IN CHEMICAL ENGINEERING. (PH.D. 1971 THE UNIVERSITY OF FLORIDA) 127p. 33/02-B, p. 694 BLE72-21053

DEBRY, ROGER K.
SIMULATION OF ARBITARY SHAPED BOUNDARIES FOR HEMODYNAMIC STUDIES. (PH.D. 1973 UNIVERSITY OF UTAH) 281p.
34/04-B, p. 1462 BLE73-23113

DE CASTRO, ROSENDA ALOG
A COMPUTER-BASED METHODOLOGY FOR A WORD COUNT IN TAGALOG. (ED.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 209p.
31/04-A, p. 1682 BLE70-19841

DECKER, SIDNEY RUSSELL
A COMPARATIVE ANALYSIS OF THE STATE UNIVERSITY OF NEW YORK FACULTY ALLOCATION SYSTEM. (ED.D. 1971 STATE UNIVERSITY OF NEW YORK AT ALBANY) 78p.
32/04-A, p. 1778 BLE71-26761

DE FANTI, THOMAS ALBERT
THE GRAPHICS SYMBIOSIS SYSTEM–AN INTERACTIVE MINI-COMPUTER ANIMATION GRAPHICS LANGUAGE DESIGNED FOR HABITABILITY AND EXTENSIBILITY. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 222p. 34/02-B, p. 624 BLE73-18884

DEFIORE, CASPER RICHARD
AN ASSOCIATIVE APPROACH TO DATA MANAGEMENT. (PH.D. 1972 SYRACUSE UNIVERSITY) 210p. 33/09-B, p. 4231 BLE73-07718

DE FONTAINE, DIDIER
A COMPUTER SIMULATION OF THE EVOLUTION OF COHERENT COMPOSITION VARIATIONS IN SOLID SOLUTIONS. (PH.D. 1967 NORTHWESTERN UNIVERSITY) 257p. 28/06-B, p. 2446 BLE67-15217

DE GENARO, GUY JOSEPH
A PLANNING - PROGRAMMING - BUDGETING SYSTEM (PPBS) IN ACADEMIC LIBRARIES: DEVELOPMENT OF OBJECTIVES AND EFFECTIVENESS MEASURES. (PH.D. 1971 THE UNIVERSITY OF FLORIDA) 175p.
33/02-A, p. 487 BLE72-21084

DEILY, DON
PRINCIPLES FOR PRODUCING COMPUTER ANIMATED MOTION PICTURES. (PH.D. 1968 UNIVERSITY OF PENNSYLVANIA) 219p.
30/03-B, p. 1124 BLE69-15050

DEIMEL, LIONEL EARL, JR.
REAL-TIME MULTIPUSHDOWN AND MULTICOUNTER AUTOMATA NETWORKS AND HIERARCHIES. (PH.D. 1975 GEORGIA INSTITUTE OF TECHNOLOGY) 85p.
36/12-B, p. 6269 BLE76-12616

DE JONG, JOANNUS LEONARDUS
APPLICATION OF PICARD'S AND NEWTON'S METHODS TO THE SOLUTION OF TWO-POINT BOUNDARY-VALUE PROBLEMS IN OPTIMAL CONTROL THEORY. (PH.D. 1967 THE UNIVERSITY OF MICHIGAN) 263p. 28/08-B, p. 3281 BLE67-17746

DE JONG, KENNETH ALAN
AN ANALYSIS OF THE BEHAVIOR OF A CLASS OF GENETIC ADAPTIVE SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF MICHIGAN) 266p.
36/10-B, p. 5140 BLE76-09381

DELANEY, COLLENE JAYNE
AN AUTOMATED SPECTROPHOTOMETRIC STOPPED-FLOW SYSTEM FOR REACTION-RATE MEASUREMENTS AND APPLICATION TO THE RAPID QUANTITATIVE DETERMINATION OF PHOSPHATE IN SOIL AND WATER SAMPLES. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 270p. 33/10-B, p. 4702 BLE73-09916

DELANEY, JOHN RAYMOND
AN ANALYSIS OF A METHOD FOR THE ON-LINE MODELLING OF LINEAR SYSTEMS. (PH.D. 1975 STANFORD UNIVERSITY) 157p.
35/12-B, p. 5922 BLE75-13511

DELEY, GARY WALTER
OPTIMAL BOUNDED CONTROL OF LINEAR SAMPLED-DATA SYSTEMS USING QUADRATIC PERFORMANCE CRITERIA. (PH.D. 1963 STANFORD UNIVERSITY) 68p.
24/08, p. 3257 BLE64-01603

DELFELD, FRANCIS R.
ANALYSIS OF PULSE-WIDTH MODULATED CONTROL SYSTEMS. (PH.D. 1960 NORTHWESTERN UNIVERSITY) 135p. 21/05, p. 1152 BLE60-04746

DELLON, FRANKLIN
OPTIMAL CONTROL OF UNSTABLE LINEAR PLANTS WITH INACCESSIBLE STATES. (PH.D. 1968 NEW YORK UNIVERSITY) 117p.
29/09-B, p. 3311 BLE69-04560

DELONG, DOUGLAS DEAN
AN INTRODUCTION TO COMPUTER PROGRAMMING FOR ELEMENTARY OR JUNIOR HIGH SCHOOL TEACHERS. (ED.D. 1973 UNIVERSITY OF NORTHERN COLORADO) 233p. 34/01-A, p. 198 BLE73-16792

DELUCIA, ROBERT P. J.
ITERATIVE DESIGN OF STABLE OPTIMAL CONTROL SYSTEMS. (PH.D. 1971 STEVENS INSTITUTE OF TECHNOLOGY) 132p.
32/06-B, p. 3351 BLE72-01611

DE LUCIA, WILLIAM EDWARD
THE DEVELOPMENT AND ANALYSIS OF A SYSTEM FOR THE QUANTIFICATION OF PATTERNS OF TEACHER BEHAVIOR IN INTERACTION ANALYSIS MATRICES. (PH.D. 1971 SYRACUSE UNIVERSITY) 143p. 32/08-A, p. 4484 BLE72-06566

DE LUGISH, BRUCE GENE
A CLASS OF ALGORITHMS FOR AUTOMATIC EVALUATION OF CERTAIN ELEMENTARY FUNCTIONS IN A BINARY COMPUTER. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 191p.
31/09-B, p. 5307 BLE71-05062

DELUTIS, THOMAS GREGORY
A METHODOLOGY FOR THE ANALYSIS OF AUXILIARY STORAGE SYSTEMS. (PH.D. 1972 PURDUE UNIVERSITY) 282p. 33/06-B, p. 2555 BLE72-30880

DEMB, ADA BARBARA
THE ORGANIZATIONAL IMPACTS OF COMPUTER-BASED INFORMATION SYSTEMS: AN ORGANIZATION DEVELOPMENT APPROACH AND CASE STUDY OF CENTRALIZED SYSTEMS IN HIGHER EDUCATION. (ED.D. 1975 HARVARD UNIVERSITY) 367p. 36/11-A, p. 7024 BLE76-10559

DE MELLO, EDIRUALD
ADAPTATION OF A COMPUTER SIMULATION MODEL FOR PLANNING STATE SCHOOL FINANCE PROGRAMS IN SERGIPE, BRAZIL. (PH.D. 1975 THE UNIVERSITY OF NEW MEXICO) 164p.
36/10-A, p. 6390 BLE76-07967

DEMIDOVICH, JOHN WILLIAM
THE INFLUENCE OF A COMPUTER ASSISTED INSTRUCTION EXPERIENCE UPON THE ATTITUDES OF LOGISTICIANS IN THE DEPARTMENT OF DEFENSE. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 191p. 36/11-A, p. 7128 BLE76-09958

DEMILLO, RICHARD ALLAN
FORMAL SEMANTICS AND THE LOGICAL STRUCTURE OF PROGRAMMING LANGUAGES. (PH.D. 1972 GEORGIA INSTITUTE OF TECHNOLOGY) 95p. 33/09-B, p. 4231 BLE73-06473

DEMOYER, ROBERT, JR.
A STATISTICAL APPROACH TO DYNAMIC MODELING AND CONTROL OF WATER DISTRIBUTION SYSTEMS. (PH.D. 1973 POLYTECHNIC INSTITUTE OF NEW YORK) 202p. 34/04-B, p. 1559 BLE73-24753

DENERY, DALLAS GEORGE
IDENTIFICATION OF SYSTEM PARAMETERS FROM INPUT-OUTPUT DATA WITH APPLICATION TO AIR VEHICLES. (PH.D. 1971 STANFORD UNIVERSITY) 146p. 32/08-B, p. 4549 BLE72-06906

DENGLER, RALPH W.
'HOT' AND 'COOL' CATECHESIS: A CONTENT ANALYSIS OF TECHNOLOGY DETERMINISM IN SELECTED SIXTEENTH CENTURY AND TWENTIETH CENTURY TEXTS BASED ON THE GENERAL INQUIRER SYSTEM. (PH.D. 1972 NEW YORK UNIVERSITY) 271p. 33/01-A, p. 341 BLE72-20823

DENHAM, CAROLYN HUNTER
PROBABILISTIC SCHOOL ENROLLMENT PREDICTIONS USING MONTE CARLO COMPUTER SIMULATION. (PH.D. 1971 BOSTON COLLEGE) 170p. 32/03-A, p. 1216 BLE71-24120

DENIS, GILLES HENRI
NUMERICAL INTEGRATION AND REGRESSION ANALYSIS OF GAS PHASE FREE-RADICAL REACTION MODELS. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 200p. 34/04-B, p. 1487 BLE73-24002

DENNING, DOROTHY ELIZABETH ROBLING
SECURE INFORMATION FLOW IN COMPUTER SYSTEMS. (PH.D. 1975 PURDUE UNIVERSITY) 180p. 36/07-B, p. 3474 BLE76-00514

DENNIS, DAVID MACK
AN INVESTIGATION INTO THE USE OF STATISTICAL SAMPLING, COMPUTER AUDITING METHODS AND THE CONTINUING AUDIT APPROACH BY INDEPENDENT AUDITORS. (PH.D. 1972 UNIVERSITY OF MISSOURI - COLUMBIA) 240p. 34/03-A, p. 930 BLE73-21408

DENNIS, JOHN DAVID
SOME CONSIDERATIONS IN THE DESIGN OF COMPUTER LANGUAGES FOR INTERACTIVE PROBLEM SOLVING. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 135p. 32/08-B, p. 4611 BLE72-04467

DENNIS, JOHN RICHARD
TEACHING SELECTED GEOMETRY TOPICS VIA A COMPUTER SYSTEM. (PH.D. 1968 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 330p. 29/07-A, p. 2145 BLE69-01331

DENNIS, VERL ELDON
THE EFFECT OF DISPLAY RATE AND MEMORY SUPPORT ON COMPUTER-ASSISTED LEARNING. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 334p. 36/06-B, p. 2918 BLE75-26587

DENNY, FREDERICK IRWIN
ESTIMATION OF THE AC STEADY-STATE OF A CLASS OF ELECTRIC POWER SYSTEMS. (PH.D. 1973 MISSISSIPPI STATE UNIVERSITY) 135p. 34/08-B, p. 3784 BLE74-02923

DENNY, WILLIAM FRANCIS, II
A LINEAR RIEMANN-STIELTJES INTEGRAL-EQUATION SYSTEM. (PH.D. 1974 THE UNIVERSITY OF OKLAHOMA) 57p. 35/04-B, p. 1787 BLE74-21989

DENTON, JON JAMES
A METHODOLOGICAL STUDY OF A COMPUTER-MANAGED INSTRUCTIONAL PROGRAM IN HIGH SCHOOL PHYSICS. (ED.D. 1972 UNIVERSITY OF MISSOURI - COLUMBIA) 245p. 33/09-A, p. 4966 BLE73-07023

DE PINERES M., OSCAR GUTIERREZ
CONSTRAINED MINIMIZATION PROGRAMMING METHODS IN COLONNETTI'S THEORY OF PLASTICITY: APPLICATIONS TO REDUNDANT PLANE OR SPACE TRUSS SYSTEM. (PH.D. 1971 UNIVERSITY OF PITTSBURGH) 506p. 32/12-B, p. 7017 BLE72-16286

DEPKEN, CRAIG ALAN
THE OBSERVABILITY OF SYSTEMS WITH LINEAR DYNAMICS AND QUADRATIC OUTPUT. (PH.D. 1974 GEORGIA INSTITUTE OF TECHNOLOGY) 81p. 35/11-B, p. 5480 BLE74-11413

DEQUAE, PAUL ROGER A.
A SIMULATION STUDY OF THE SMALL SAMPLE EFFICIENCY OF SOME ESTIMATION METHODS OF SYSTEMS OF SIMULTANEOUS LINEAR EQUATIONS, WITH NONSPHERICAL DISTURBANCES. (PH.D. 1975 UNIVERSITY OF SOUTH CAROLINA) 293p. 36/11-A, p. 7511 BLE76-10497

DEREZINSKI, STEPHEN JOSEPH
DIGITAL COMPUTER SIMULATION OF OSCILLATING FLOW IN CARBURETOR FUEL METERING CHANNELS. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 278p. 33/05-B, p. 2099 BLE72-29030

DERINGER, DOROTHY KIEFER
AN INFORMATION RETRIEVAL SYSTEM FOR A COMPUTER CENTER. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 181p. 33/09-B, p. 4372 BLE73-06287

DE RIVET DE SABATIER, PHILIPPE HUBERT
DATA TRAFFIC MODELS FOR THE PERFORMANCE OF MODULAR COMPUTER SYSTEMS. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 372p. 32/06-B, p. 3296 BLE72-00030

DERRICK, BOBBY GENE
AN INQUIRY INTO THE APPLICABILITY OF BASIC FEATURES OF THE DEPARTMENT OF DEFENSE (DOD) PROGRAMMING SYSTEM TO SELECTED BUSINESS FIRMS. (PH.D. 1972 THE AMERICAN UNIVERSITY) 204p. 33/05-A, p. 1899 BLE72-30068

DESAI, NARENDRA DHARMSINH
ON THE NECESSARY AND SUFFICIENT CONDITIONS FOR STABILITY OF A CLASS OF NONLINEAR CONTROL SYSTEMS. (PH.D. 1964 UNIVERSITY OF PENNSYLVANIA) 148p. 26/04, p. 2105 BLE65-01360

DESANTIS, DONALD ANTHONY
AN APPRAISAL OF AN INFORMATION SYSTEM FOR EDUCATIONAL MANAGEMENT. (ED.D. 1974 UNIVERSITY OF SOUTHERN CALIFORNIA) 194p. 35/05-A, p. 2924 BLE74-26023

DE SANTIS, GREGORY C.
AN ANALYSIS OF THE RELATIONSHIP BETWEEN THE PARACHUTE SYSTEM PARAMETERS AND THEIR EFFECT ON THE SYSTEM IN FLIGHT. (PH.D. 1973 UNIVERSITY OF RHODE ISLAND) 219p. 34/01-B, p. 184 BLE73-16332

DESAUTELS, EDOUARD JOSEPH
THE PUFFT TIME SHARING SYSTEM–DESIGN, IMPLEMENTATION AND PERFORMANCE. (PH.D. 1969 PURDUE UNIVERSITY) 224p. 30/09-B, p. 4249 BLE70-03878

DESHPANDE, JAYANT GOPALRAO
IDENTIFICATION AND CONTROL OF LINEAR STOCHASTIC SYSTEMS USING SPLINE FUNCTIONS. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 222p. 34/05-B, p. 2022 BLE73-25997

DETCHMENDY, DAVID MICHAEL
IDENTIFICATION, ESTIMATION, AND CONTROL OF NONLINEAR SYSTEMS. (PH.D. 1965 PURDUE UNIVERSITY) 177p. 26/11, p. 6603 BLE66-02252

DETRICK, CARL ANTHONY
A COLLISION PROBABILITY METHOD FOR CALCULATION OF ENERGY-DEPENDENT FLUX DISTRIBUTIONS IN MULTI-DIMENSIONAL SYSTEMS WITH ARBITRARY BOUNDARY CONDITIONS. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 282p. 34/02-B, p. 690 BLE73-18322

DEUTCHMAN, ARNOLD HARRY
QUANTITATIVE RADIOTRACER IMAGING: THE DEVELOPMENT OF A CLINICALLY PRACTICAL INSTRUMENTATION AND ANALYSIS SYSTEM. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 216p. 36/06-B, p. 2979 BLE75-26566

DEVINE, HOWARD FRANCIS
THE EFFECTS OF A COMPUTER-BASED CAREER COUNSELING PROGRAM ON THE VOCATIONAL MATURITY OF COMMUNITY COLLEGE STUDENTS. (PH.D. 1975 THE UNIVERSITY OF FLORIDA) 140p. 36/12-A, p. 7865 BLE76-12065

DEWAN, PREM BHUSHAN
A GENERALIZED SIMULATION MODEL FOR COMPUTER SYSTEMS. (PH.D. 1971 UNIVERSITY OF HOUSTON) 147p. 32/08-B, p. 4611 BLE72-07744

DEWEY, GLENN HANCOCK
DESIGN OF BINARY LOGIC SYSTEMS USING MECHANICAL ELEMENTS. (PH.D. 1973 OKLAHOMA STATE UNIVERSITY) 191p. 34/10-B, p. 4978 BLE74-07997

DEXTER, MARGARET ELIZABETH
A STUDY OF INFORMATION CONTROL IN COMPUTER-AIDED INSTRUCTION. (PH.D. 1972 GEORGIA INSTITUTE OF TECHNOLOGY) 306p. 33/09-B, p. 4231 BLE73-06485

DHIR, KRISHNA SWAROOP
A STUDY OF HUMAN JUDGEMENT IN PROCESS FACILITY PLANNING, THROUGH INTERACTIVE COMPUTER SIMULATION OF CEMENT ENGINEERING DESIGN. (D.B.A. 1975 UNIVERSITY OF COLORADO AT BOULDER) 147p. 36/05-A, p. 2961 BLE75-23590

DIAB, KHALID MAHMUD
OPTIMIZATION OF FEEDBACK CONTROL SYSTEMS BY MEANS OF NONLINEAR METHODS. (PH.D. 1959 THE UNIVERSITY OF IOWA) 109p. 20/06, p. 2198 BLE59-05706

DIANICH, DAVID FRANK
AN APPLICATION OF NONLINEAR PROGRAMMING TO APPROXIMATE OPTIMAL MANAGEMENT CONTROL DECISIONS. (D.B.A. 1971 THE GEORGE WASHINGTON UNIVERSITY) 298p. 32/06-A, p. 2846 BLE72-01985

DIANIS, WILLIAM PAUL
X-RAY PHOTOELECTRON SPECTROSCOPY. PART ONE: THE APPLICATION OF NUMERICAL METHODS TO THE ANALYSIS OF DIGITIZED PHOTOELECTRON-SPECTRA. PART TWO: EXTERNAL STANDARDS: A COMPARISON OF GOLD, CARBON AND MOLYBDENUM-TRIOXIDE. PART THREE: STUDIES OF ADSORPTION PHENOMENA. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 336p. 35/06-B, p. 2679 BLE74-28606

DICK, DONALD EDWARD
A HYBRID COMPUTER STUDY OF MAJOR TRANSIENTS IN THE CANINE CARDIOVASCULAR SYSTEM. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 259p. 29/09-B, p. 3312 BLE69-13966

DICKEY, FRED MCCARTNEY
IMAGE ORIENTED ANALYSIS OF THE SYNTHETIC APERTURE RADAR SYSTEM. (PH.D. 1975 UNIVERSITY OF KANSAS) 103p. 36/07-B, p. 3518 BLE76-30020

DICKEY, GEORGE LAVERNE
AN INVESTIGATION OF SOME PARAMETERS IN THE PRESENTATION AND DISSEMINATION OF TRAINING INFORMATION. (PH.D. 1969 THE UNIVERSITY OF NEBRASKA - LINCOLN) 150p. 30/09-B, p. 4148 BLE70-04650

DICKINSON, BRADLEY WILLIAM
PROPERTIES AND APPLICATIONS OF MATRIX FRACTION DESCRIPTIONS OF LINEAR SYSTEMS. (PH.D. 1974 STANFORD UNIVERSITY) 156p. 35/09-B, p. 4483 BLE75-06837

DICKSON, WILLIAM DONALD
COMPUTER SIMULATION FOR RURAL ELECTRIC DISTRIBUTION SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT ARLINGTON) 241p. 34/06-B, p. 2615 BLE73-25062

DIEDERICH, NORMAN FRANCIS
A COMPUTER AIDED TELEOPERATOR SYSTEM. (PH.D. 1970 CASE WESTERN RESERVE UNIVERSITY) 195p. 31/07-B, p. 4036 BLE71-01678

DIERDORF, DOUGLAS SCOTT
I. SYNTHESIS AND CHARACTERIZATION OF A NEW IRON CLATHROCHELATE, A SIMPLIFIED PROCEDURE. II. INVESTIGATION OF THE METAL CARBONYL BONDING PROBLEM BY PATTERN RECOGNITION TECHNIQUES. III. A METHOD FOR THE APPLICATION OF MOLECULAR STRUCTURE INFORMATION TO THE PREDICTION OF BIOLOGICAL ACTIVITY VIA PATTERN RECOGNITION TECHNIQUES. (PH.D. 1974 UNIVERSITY OF WASHINGTON) 143p. 36/06-B, p. 2793 BLE75-28339

DIEBEL, JOHN WALLACE
CONTROL SYSTEM DESIGN BASED ON THE END SIGMA ERROR CRITERION. (SC.D. 1959 WASHINGTON UNIVERSITY) 88p. 20/09, p. 3678 BLE60-00069

DIETERLE, BRIAN DAVE
A COMPUTER-ASSISTED INSTRUCTION PROGRAM DESIGNED FOR THE PHARMACY CURRICULUM. (PH.D. 1970 THE UNIVERSITY OF ARIZONA) 166p. 31/05-B, p. 2792 BLE70-22020

DIEWALD, WALTER JOSEPH
INVESTIGATION OF A COMBINED PHOTOGRAPHIC AND COMPUTER SIMULATION TECHNIQUE FOR USE IN THE STUDY OF ISOLATED INTERSECTIONS. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 120p. 32/08-B, p. 4575 BLE72-04469

DILIDDO, BART A.
DIGITAL COMPUTER SIMULATION OF PULSE COLUMNS FOR LIQUID-LIQUID EXTRACTION . (PH.D. 1960 CASE WESTERN RESERVE UNIVERSITY) 115p. 21/09, p. 2648 BLE60-05533

DILL, JOHN CEDRIC
A COMPUTER-AIDED INVESTIGATION OF MOTION DETECTION UNITS IN THE FLY. (PH.D. 1970 CALIFORNIA INSTITUTE OF TECHNOLOGY) 224p. 31/04-B, p. 2239 BLE70-18034

DILLEHUNT, DONALD DEAN
THE SYNTHESIS OF POPOV MULTIPLIERS FOR CERTAIN NONLINEAR CONTROL SYSTEMS. (PH.D. 1970 ARIZONA STATE UNIVERSITY) 169p. 31/03-B, p. 1270 BLE70-16600

DILLINGHAM, JAMES HUGH
USE OF DIGITAL COMPUTER IN DESIGN OF DIATOMITE FILTRATION PLANTS. (PH.D. 1965 IOWA STATE UNIVERSITY) 138p. 26/10, p. 5966 BLE66-03864

DILLON, DAVID GORDON
TOWARD CYBERNETIC UNDERSTANDING IN SOCIOLOGY: A COMPUTER MODEL OF MILITARY EXPANSIONISM. (PH.D. 1975 BOSTON UNIVERSITY GRADUATE SCHOOL) 310p. 35/06-A, p. 3884 BLE74-26454

DILLON, STEPHEN ROY
COMPUTER-ASSISTED EQUATION GENERATION IN LINKAGE DYNAMICS. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 496p. 34/08-B, p. 3784 BLE74-03149

DILLON, WILLIAM EDWARD
MODELING AND ANALYSIS OF AN ELECTRICALLY PROPELLED TRANSPORTATION SYSTEM. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT ARLINGTON) 175p. 33/07-B, p. 3074 BLE73-01141

DINTER, HEINZ
A THEORY OF COMPUTER BASED MANAGEMENT CONTROL. (PH.D. 1971 THE UNIVERSITY OF FLORIDA) 183p. 32/09-A, p. 4775 BLE72-09897

DIPERNA, RONALD J.
GLOBAL SOLUTIONS TO A CLASS OF NONLINEAR HYPERBOLIC SYSTEMS OF EQUATIONS. (PH.D. 1972 NEW YORK UNIVERSITY) 40p. 33/05-B, p. 2195 BLE72-31074

DIRKS, VICTOR ALEXANDER
COMPUTER SIMULATION OF NORMALLY SELF-FERTILIZING POPULATIONS INVOLVING LINKAGE. (PH.D. 1971 UNIVERSITY OF MINNESOTA) 345p. 32/08-B, p. 4428 BLE72-05523

DI SALVO, VINCENT STEPHEN
A MULTIVARIATE ANALYSIS OF VARIANCE INVESTIGATION OF THE EFFECTS OF INFORMATION PROCESSING ABILITY, AMOUNT OF TASK RELEVANT INFORMATION AND GROUP CLIMATE ON GROUP BEHAVIOR. (PH.D. 1971 BOWLING GREEN STATE UNIVERSITY) 124p. 32/04-A, p. 2227 BLE71-27064

DISHMAN, JAMES EDWARD
EMPLOYMENT OF CRITERION-REFERENCED MEASUREMENT TO EVALUATE THE RELATIVE EFFECTIVENESS OF LINEAR AND SIMPLE BRANCHING WITH REMEDIATION PROGRAMMING IN THE CONTEXT OF A CYBERNETIC INSTRUCTIONAL SYSTEM. (ED.D. 1975 UNIVERSITY OF MISSOURI - COLUMBIA) 217p. 36/07-A, p. 4216 BLE76-01006

DIVAKARUNI, SUDHAKAR PURNA
MATHEMATICAL PROGRAMMING AND UNORTHODOX CONTROL PROBLEMS. (PH.D. 1975 THE UNIVERSITY OF IOWA) 210p. 36/12-B, p. 6306 BLE76-13376

DIVETT, ROBERT THOMAS
DESIGN OF A FILE STRUCTURE FOR A TOTAL SYSTEM COMPUTER PROGRAM FOR MEDICAL LIBRARIES AND PROGRAMMING OF THE BOOK CITATION RETRIEVAL MODULE. (ED.D. 1968 UNIVERSITY OF UTAH) 178p. 29/08-A, p. 2731 BLE69-03496

DIVILBISS, JAMES LEROY
A PATTERN RECOGNITION COMPUTER USING ALL-MAGNETIC LOGIC. (PH.D. 1962 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 160p. 23/08, p. 2839 BLE62-06126

DIVINE, CHARLES HAMMAN
THE DESIGN OF WIDEBAND RADAR AND SONAR SYSTEMS FOR CLUTTER SUPPRESSION. (PH.D. 1972 STANFORD UNIVERSITY) 101p. 32/12-B, p. 7033 BLE72-16711

DIXON, JOHN KENT
AN IMPROVED METHOD FOR SOLVING DEDUCTIVE PROBLEMS ON A COMPUTER BY COMPILED AXIOMS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, DAVIS) 318p. 31/12-B, p. 7237 BLE71-15530

DIXON, JOHN LESLIE
OPTIMAL CONTROL OF SURFACE TO SURFACE GUIDED MISSILES. (PH.D. 1971 THE UNIVERSITY OF TENNESSEE) 134p. 32/05-B, p. 2662 BLE71-29458

DIXON, MARVIN WARREN
LIAPUNOV FUNCTIONALS FOR NONCONSERVATIVE DISTRIBUTED-PARAMETER LINEAR ELASTIC SYSTEMS. (PH.D. 1971 NORTHWESTERN UNIVERSITY) 77p. 32/09-B, p. 5206 BLE72-07770

DIXON, PHYLLIS MARIE SKARSTEN
A COMPARISON OF SPELLING ERRORS ON A SPECIFIC WORD LIST BY FIFTH GRADE PUPILS AND BY A COMPUTER. (ED.D. 1970 UNIVERSITY OF NORTHERN COLORADO) 102p. 31/08-A, p. 3770 BLE71-04166

DLUG, PAUL WALTER
A COMPUTER ASSISTED INSTRUCTION-SIMULATION - RESOURCE FORECASTING MODEL FOR TRAINING SCHOOL ADMINISTRATORS. (ED.D. 1975 COLUMBIA UNIVERSITY TEACHERS COLLEGE) 277p. 36/10-A, p. 6391 BLE76-07776

DOBBS, DOUGLAS HYDE
SYSTEM DESIGN OF A PHYSICIAN INFORMATION SYSTEM. (PH.D. 1972 UNIVERSITY OF MISSOURI - COLUMBIA) 476p. 33/11-B, p. 5284 BLE73-07026

DOBECK, GERALD JOSEPH
SYSTEM IDENTIFICATION AND APPLICATION TO UNDERSEA VEHICLES. (PH.D. 1976 UNIVERSITY OF SOUTH FLORIDA) 173p.
37/04-B, p. 1813 **BLE76-23740**

DODD, CURTIS WILSON
AN APPROXIMATE METHOD FOR OPTIMAL CONTROL OF DISTURBED PARAMETER SYSTEMS. (PH.D. 1966 ARIZONA STATE UNIVERSITY) 85p.
28/08-B, p. 3281 **BLE68-01648**

DODGE, CARL
A SMALL PARTICLE SIZE ANALYZER BASED ON FRAUNHOFER PATTERN RECOGNITION. (PH.D. 1974 UNIVERSITY OF HOUSTON) 108p.
35/07-B, p. 3512 **BLE75-01000**

DODGE, CHARLES MALCOLM
THE COMPOSITION OF 'CHANGES' AND ITS COMPUTER PERFORMANCE. (D.M.A. 1970 COLUMBIA UNIVERSITY) 98p. 31/09-A, p. 4616 **BLE71-06164**

DODSWORTH, DONALD JEFFRIES
HOW TO DEVELOP EFFECTIVE PROMOTIONAL PROCEDURES IN ADULT EDUCATION - A COMPUTER-ASSISTED INSTRUCTION COURSE. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 106p.
33/02-A, p. 545 **BLE72-20953**

DOERR, BERNICE
A COMPUTER-BASED MANAGEMENT INFORMATION SYSTEM FOR A HUMANISTIC UNDERGRADUATE ELEMENTARY TEACHER EDUCATION PROGRAM. (PH.D. 1975 THE UNIVERSITY OF FLORIDA) 255p.
36/12-A, p. 8000 **BLE76-12067**

DOLL, DIXON RAYMOND
EFFICIENT ALLOCATION OF RESOURCES IN CENTRALIZED COMPUTER-COMMUNICATION NETWORK DESIGN. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 347p. 30/09-B, p. 4129 **BLE70-04061**

DOMBROW, RODGER TRAVIS
A STUDY OF MANUAL AND MACHINE TECHNIQUES FOR PROCESSING CLERICAL DATA IN A SECONDARY SCHOOL OF 1000 STUDENTS. (ED.D. 1960 TEMPLE UNIVERSITY) 323p. 21/06, p. 1433 **BLE60-04434**

DOMENECH, OAKIE GERAKIS
A COMPARISON OF FLAGGING-OF-ERRORS, NONFLAGGING-OF-ERRORS, AND FORCED-CORRECTION-OF-ERRORS IN COMPUTER-ASSISTED INSTRUCTION REQUIRING DETAILED CONSTRUCTED RESPONSES. (PH.D. 1974 THE CATHOLIC UNIVERSITY OF AMERICA) 139p.
35/04-A, p. 2120 **BLE74-19602**

DOMINGUEZ, RICHARD FRANK
THE STATIC AND DYNAMIC ANALYSIS OF DISCRETELY REPRESENTED MOORINGS AND CABLES BY NUMERICAL MEANS. (PH.D. 1971 OREGON STATE UNIVERSITY) 159p. 31/11-B, p. 6598 **BLE71-12661**

DOMINICK, WAYNE DENNIS
MODELS FOR GRAPHICALLY-ENHANCED DATA BASE MANAGEMENT SYSTEM DESIGN. (PH.D. 1975 NORTHWESTERN UNIVERSITY) 224p.
36/07-B, p. 3475 **BLE75-29614**

DOMPE, ROBERT JOHN
A STUDY OF MEMORY-DELAY PROCESSORS. (PH.D. 1970 CASE WESTERN RESERVE UNIVERSITY) 51p.
31/07-B, p. 4098 **BLE71-01681**

DONADIO, BLASE
THE ROLE OF THE JUNIOR COLLEGE IN COMPUTER SYSTEMS TRAINING FOR BUSINESS DATA PROCESSING. (ED.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 245p.
30/04-B, p. 1780 **BLE69-16901**

DONHAM, BOBBY JOE
MAXIMUM RESPONSE PREDICTIONS OF A NONLINEAR MULTI-DEGREE OF FREEDOM SYSTEM. (SC.D. 1969 NEW MEXICO STATE UNIVERSITY) 184p.
30/05-B, p. 2155 **BLE69-19117**

DONOGHUE, JOHN FRANCIS
ECONOMIC TRADEOFFS FOR MULTILAYER CONTROL SYSTEMS. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 185p. 32/03-B, p. 1508 **BLE71-22797**

DONOVAN, DANIEL BERNARD
COMPUTER-GENERATED REPEATABLE EXAMINATIONS AND COLLEGE CHEMISTRY STUDENT ACHIEVEMENT AND ATTITUDE. (PH.D. 1972 INDIANA UNIVERSITY) 136p. 33/06-A, p. 2784 **BLE72-30405**

DONOVAN, MARGUERITE EDWARD
A MODEL FOR CLERICAL BUSINESS EDUCATION AT THE SECONDARY SCHOOL LEVEL DRAWN FROM AN ANALYSIS OF THE REQUIREMENTS FOR FUTURE SUCCESS IN BUSINESS: A SYSTEMS APPROACH TO EDUCATION FOR BUSINESS. (PH.D. 1969 NEW YORK UNIVERSITY) 505p. 30/07-A, p. 2721 **BLE69-21185**

DOOLAN, PATRICK
COMPUTER DESIGN OF THE UNEQUAL BLADE SPACING OF A FACE MILLING CUTTER TO MINIMIZE FORCED VIBRATION. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 143p.
35/05-B, p. 2210 **BLE74-18929**

DORATO, PETER
SHORT-TIME STABILITY IN LINEAR TIME-VARYING SYSTEMS. (D.E.E. 1961 POLYTECHNIC INSTITUTE OF NEW YORK) 70p. 22/04, p. 1111 **BLE61-03769**

DORNY, CARL NELSON
BOUNDARY APPROXIMATIONS IN THE COMPUTER SOLUTION OF POISSON'S EQUATION. (PH.D. 1965 STANFORD UNIVERSITY) 107p.
26/11, p. 6604 **BLE66-02545**

DORRITY, JORDAN LEWIS
REAL-TIME DIGITAL TENSILE TEST SYSTEM WITH MINICOMPUTER CONTROL. (PH.D. 1973 CLEMSON UNIVERSITY) 117p. 34/07-B, p. 3240 **BLE73-31838**

DOSSANI, NAZIR GULAMHUSSEIN
DUALITY THEORIES IN MATHEMATICAL PROGRAMMING: THEIR IMPLICATIONS FOR REGIONAL SCIENCE. (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 188p.
32/01-A, p. 77 **BLE71-19216**

DOS SANTOS, SUELI MENDES
A PROOF OF THE FORMAL CORRECTNESS OF AN INSTRUCTIONAL SYSTEM INTERPRETER. (PH.D. 1974 STANFORD UNIVERSITY) 106p.
35/09-B, p. 4417 **BLE75-06639**

DOUB, THOMAS WESLEY, JR.
SUBOPTIMAL ON-LINE CONTROL OF HIGH-ORDER LINEAR SYSTEMS. (PH.D. 1969 THE OHIO STATE UNIVERSITY) 206p. 30/07-B, p. 3148 **BLE69-22121**

DOUBLIER, RENE MARCEL
SPEECH GENERATION AND RECOGNITION UNDER HYBRID COMPUTER CONTROL. (PH.D. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 239p.
33/04-B, p. 1546 **BLE72-26009**

DOUGHERTY, HUGH JAMES
SYNTHESIS OF OPTIMAL FEEDBACK CONTROL SYSTEMS SUBJECT TO MODELLING INACCURACIES. (PH.D. 1966 RENSSELAER POLYTECHNIC INSTITUTE) 149p. 27/10-B, p. 3513 **BLE67-04163**

DOUTRIAUX, JEROME A.
MAN-MACHINE PROCESS CONTROL: EVOLUTIONARY APPROACH AND APPLICATIONS. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 254p.
33/03-B, p. 1117 **BLE72-23202**

DOWD, ALICE G.
A SYSTEMS ANALYSIS OF PERCEPTIONS BY BASIC VERSUS REGISTERED NURSE BACCALAUREATE STUDENTS OF A COURSE IN NURSING LEADERSHIP AND ITS EFFECT ON SELF-ESTEEM AND PRODUCTIVITY. (ED.D. 1971 BOSTON UNIVERSITY SCHOOL OF EDUCATION) 203p.
32/04-A, p. 1828 **BLE71-26696**

DOWLING, WAYNE CHARLES
TAG: A TERMINAL FOR ANIMATED GRAPHICS. ITS DESIGN AND SIMULATION. (PH.D. 1972 IOWA STATE UNIVERSITY) 181p. 33/08-B, p. 3594 **BLE73-03675**

DOYON, LEONARD ROGER
MARKOV CHAINS IN RELIABILITY ANALYSIS BY COMPUTER. (PH.D. 1975 POLYTECHNIC INSTITUTE OF NEW YORK) 152p. 36/04-B, p. 1893 **BLE75-21360**

DRACUP, JOHN ALBERT
THE OPTIMUM USE OF A GROUNDWATER AND SURFACE-WATER SYSTEM: A PARAMETRIC LINEAR PROGRAMMING APPROACH. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 141p.
27/08-B, p. 2699 **BLE66-15382**

DRAKE, LEWIS ALBERT
ABSOLUTE STABILITY OF CONTINUOUS AND DISCRETE CONTROL SYSTEMS CONTAINING A NONLINEAR ELEMENT WHICH IS A FUNCTION OF TWO VARIABLES. (PH.D. 1974 OHIO UNIVERSITY) 127p. 35/05-B, p. 2185 **BLE74-23648**

DRAKE, ROBERT LEE
STABILITY INVESTIGATION OF AN ADAPTIVE CONTROL SYSTEM. (PH.D. 1965 MISSISSIPPI STATE UNIVERSITY) 106p. 26/09, p. 5334 **BLE65-13411**

DRAVECKY, EVELYN THERESA
AN ANALYSIS OF AN ADULT BASIC EDUCATION LEARNING GROUP BASED UPON SOCIOTECHNICAL SYSTEMS CONCEPTS. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 218p.
36/07-A, p. 4199 **BLE76-01175**

DRAVID, NARAYAN VISHWANATH
ANALYSIS OF A NEW METHOD FOR DECREASING ARC EXTINCTION TIME REQUIRED FOR SINGLE POLE RECLOSING IN EHV SYSTEMS. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 180p.
29/01-B, p. 179 **BLE68-07095**

DREIFKE, GERALD EDMOND
EFFECTS OF INPUT PULSE SHAPE AND WIDTH ON ACCURACY OF DYNAMIC SYSTEM ANALYSIS FROM EXPERIMENTAL PULSE DATA. (SC.D. 1961 WASHINGTON UNIVERSITY) 181p.
22/09, p. 3143 **BLE61-05251**

DRESSLER, ROBERT MORRIS
A SIMPLIFIED TECHNIQUE FOR THE SYNTHESIS OF MODEL-REFERENCED ADAPTIVE CONTROL SYSTEMS. (PH.D. 1966 STANFORD UNIVERSITY) 154p.
27/03-B, p. 817 **BLE66-08608**

DROBNY, NEIL LESTER
DESIGN OF WATER QUALITY MONITORING SYSTEMS IN LATIN AMERICA. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 280p. 32/11-B, p. 6440 **BLE72-15201**

DROSTE, CARL SANDERS
ECHELON CONTROL FOR AUTOMATIC CONTROL SYSTEMS. (PH.D. 1967 TEXAS A&M UNIVERSITY) 108p. 28/10-B, p. 4145 **BLE68-04990**

DROTT, MILTON CARL, JR.
MODELS AND MEASUREMENTS OF USER INFORMATION NEEDS IN THE SELECTION OF SYSTEMS FOR THE SELECTIVE DISSEMINATION OF INFORMATION. (PH.D. 1973 THE UNIVERSITY OF MICHIGAN) 230p. 34/08-B, p. 3799 **BLE74-03613**

DRUKER, JOSEPH FREDERICK
SELECTIVE INFORMATION PROCESSING: DEVELOPMENTAL TRENDS. (PH.D. 1967 THE UNIVERSITY OF MICHIGAN) 78p.
28/12-B, p. 5189 **BLE68-07587**

DRUSEIKIS, FREDERICK CHARLES
THE DESIGN OF TRANSPORTABLE INTERPRETERS. (PH.D. 1975 THE UNIVERSITY OF ARIZONA) 189p.
36/03-B, p. 1312 **BLE75-19594**

DRYDEN, PAUL CRAIG
A NEW NANOSECOND GATED OPTICAL DETECTION SYSTEM: APPLICATION TO SPECTROCHEMICAL ANALYSIS. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 112p.
36/09-B, p. 4422 **BLE76-06751**

DUBE, JAMES H.
APPLICATIONS OF IDENTIFICATION AND CONTROL METHODS. (PH.D. 1971 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 222p. 32/05-B, p. 2675 **BLE71-29360**

DUBE, ROLAND PETER
LOCAL SCHEMES FOR COMPUTER AIDED GEOMETRIC DESIGN. (PH.D. 1975 UNIVERSITY OF UTAH) 104p.
36/03-B, p. 1252 **BLE75-20273**

DU BOUCHET, ANDRES VINCENT
NONLINEAR DYNAMIC ANALYSIS OF STRUCTURAL SYSTEMS. (PH.D. 1971 POLYTECHNIC INSTITUTE OF NEW YORK) 128p. 32/05-B, p. 2763 **BLE71-29047**

DUBOWSKY, STEVEN
THE DYNAMIC RESPONSE OF MECHANICAL AND ELECTROMECHANICAL SYSTEMS WITH CLEARANCE AND NONLINEAR IMPACT CHARACTERISTICS. (ENG.SC.D. 1971 COLUMBIA UNIVERSITY) 272p.
32/06-B, p. 3308 **BLE72-01301**

DUCHARME, ROBERT GERALD
THE DEVELOPMENT OF A COMPUTER ORIENTED LINEAR ALGEBRA COURSE. (PH.D. 1973 THE FLORIDA STATE UNIVERSITY) 700p.
34/07-A, p. 3828 **BLE73-31617**

DUDGEON, ANN CHENEY
COMPUTER SIMULATION OF SELECTION OPERATING ON GENOTYPES INTERACTING IN GROUPS. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 237p.
35/08-B, p. 3976 **BLE75-03051**

DUDKIKAR, KISHAN L.
ANALYSIS OF INERTIAL NAVIGATION SYSTEM USING THE METHOD OF INCREMENTAL COEFFICIENTS (MIC) ALGORITHM. (PH.D. 1971 UNIVERSITY OF HOUSTON) 159p. 32/05-B, p. 2704 **BLE71-27866**

DUDLEY, THOMAS JEROME
COMPUTERS AND BUSINESS EDUCATION. (D.B.A. 1965 UNIVERSITY OF SOUTHERN CALIFORNIA) 412p. 26/11, p. 6418 **BLE66-05603**

DUERSCH, RALPH ROBERT
A SYSTEM ANALYSIS MODEL OF BUSINESS COMBINATIONS. (PH.D. 1973 UNION COLLEGE) 259p.
34/02-A, p. 460 **BLE73-18319**

DUGAN, VIRGIL LEE
TOPICS ON THE OPTIMAL CONTROL OF LINEAR SYSTEMS WITH INACCESSIBLE STATE VARIABLES. (PH.D. 1969 MISSISSIPPI STATE UNIVERSITY) 105p.
30/06-B, p. 2689 **BLE69-19815**

DUHON, HOWARD
A DEVELOPMENT OF A CONCEPTUALIZED MODEL FOR OCCUPATIONAL EDUCATION WITH COMPUTER ADAPTABILITY. (ED.D. 1972 UNIVERSITY OF HOUSTON) 163p. 33/04-A, p. 1601 **BLE72-26958**

DULEY, JAMES ROBERT
DDL - A DIGITAL SYSTEM DESIGN LANGUAGE. (PH.D. 1967 THE UNIVERSITY OF WISCONSIN - MADISON) 221p. 28/08-B, p. 3282 **BLE67-12118**

DULIN, JAMES THOMAS
THE USE OF ELECTRONIC DATA PROCESSING IN SCHOOL TRANSPORTATION SYSTEMS. (PH.D. 1966 THE UNIVERSITY OF MISSISSIPPI) 245p.
27/05-A, p. 1219 **BLE66-11074**

DUMAS, MARTIN BARRY
GENERAL JOB SHOP SCHEDULING AND ADAPTIVE-BEHAVIOR COMPUTER MODELS. (PH.D. 1972 COLUMBIA UNIVERSITY) 213p.
33/10-B, p. 4932 **BLE73-09012**

DUMON, JOZEF MARIA
AN RPM (RESOURCE PLANNING AND MANAGEMENT) NETWORK APPROACH TO THE INTEGRATION OF THE ACCOUNTING INFORMATION SYSTEM AND THE LINEAR-PROGRAMMING DECISION MODEL. (PH.D. 1975 OREGON STATE UNIVERSITY) 167p.
35/07-B, p. 3336 **BLE75-01097**

DUMPER, THOMAS APTED
A COMPUTER-GENERATED MODEL FOR LAND-USE DECISIONS BASED ON THE PHYSICAL ENVIRONMENT. (PH.D. 1972 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 224p.
33/08-B, p. 3715 **BLE73-02870**

DUNCAN, GAYLEN ARTHUR
CANADIAN BUSINESS AND ECONOMIC IMPLICATIONS OF PROTECTING COMPUTER PROGRAMMES. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 315p.
37/01-A, p. 556 **BLE76-14440**

DUNCAN, GEORGE COMER
APPLICATION OF GREEN FUNCTIONS TO RADIATIVE COOPERATIVE EFFECTS IN MANY-ATOM SYSTEMS. (PH.D. 1971 BRANDEIS UNIVERSITY) 106p.
32/02-B, p. 1121 **BLE71-20327**

DUNCAN, MARVIN R.
A PROGRAMMING MODEL FOR ANALYSIS OF NONMETROPOLITAN HOSPITAL SERVICES SYSTEMS AND APPLICATION OF THE MODEL. (PH.D. 1975 IOWA STATE UNIVERSITY) 289p.
36/10-A, p. 6822 **BLE76-09179**

DUNCAN, RICHARD CLAIR
TECHNIQUES AND GUIDELINES FOR RAPIDLY BUILDING MODELS CONCERNING THE SIMULATION OF REGIONAL-ENVIRONMENTAL SYSTEMS: AN APPLICATION TO LAND-USE PLANNING ON ORCAS ISLAND, WASHINGTON. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 147p.
34/08-B, p. 3780 **BLE74-02251**

DUNHAM, JACK LEONARD
THE EFFECT OF INFORMATION RETRIEVAL BY REMOTE COMPUTER TERMINAL ON ADMINISTRATIVE EFFICIENCY IN HIGHER EDUCATION. (PH.D. 1971 ARIZONA STATE UNIVERSITY) 203p.
32/03-A, p. 1217 **BLE71-23998**

DUNIFACE, KENNETH ROBERT
OPTIMIZATION OF CONTROL SYSTEMS HAVING CROSS CORRELATED SIGNALS. (PH.D. 1968 CLEMSON UNIVERSITY) 150p.
29/03-B, p. 1003 **BLE68-13456**

DUNLAP, GLENN C.
A SYSTEMS APPROACH TO COMPUTER CONTROL USING A GENERAL PURPOSE DIGITAL COMPUTER AND MATHEMATICAL CONTROL THEORY FOR CONTINUOUS AND DISCRETE SYSTEMS. (PH.D. 1972 ARIZONA STATE UNIVERSITY) 327p.
33/10-B, p. 4816 **BLE73-10361**

DUNLAP, JACKSON MICHAEL
A PRELIMINARY ANALYSIS OF COMPONENT SKILLS IN INTRODUCTORY FORTRAN PROGRAMMING. (PH.D. 1975 UNIVERSITY OF OREGON) 129p.
37/01-B, p. 333 **BLE76-15033**

DUNLAP, WILLIAM PHILLIP
A COMPARISON OF THE EFFECTS OF DIAGNOSTIC AND REMEDIAL ARITHMETIC PROGRAMS UPON THE ACHIEVEMENT AND ATTITUDE DEVELOPMENT OF FOURTH GRADE CHILDREN. (PH.D. 1971 UNIVERSITY OF OREGON) 455p. 32/06-A, p. 2905 **BLE72-00918**

DUNN, FRANK
DECISION MAKING BEHAVIORS OF TEACHERS IN PREPLANNING A UNIT OF INSTRUCTION FROM A COMPUTER GENERATED RESOURCE GUIDE. (ED.D. 1971 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 223p. 31/12-A, p. 6468 **BLE71-16452**

DUNN, JOSEPH ROBERT, JR.
THE EFFECT OF DATA PROCESSING ON THE GUIDANCE PROGRAMS OF SELECTED SECONDARY SCHOOLS IN CONNECTICUT. (PH.D. 1967 THE UNIVERSITY OF CONNECTICUT) 336p.
28/10-A, p. 3969 **BLE68-01339**

DUNN, RICHARD CARL
DESIGN OF A HIGHER-LEVEL LANGUAGE TRANSPUT SYSTEM. (PH.D. 1975 UNIVERSITY OF COLORADO AT BOULDER) 114p. 36/05-B, p. 2349 **BLE75-23601**

DUNN, THOMAS G.
THE EFFECTS OF VARIOUS REVIEW PARADIGMS ON PERFORMANCE IN AN INDIVIDUALIZED COMPUTER MANAGED UNDERGRADUATE COURSE. (PH.D. 1971 THE FLORIDA STATE UNIVERSITY) 128p.
32/09-A, p. 5034 **BLE72-09197**

DUNN, WILLIAM RYDER, JR.
TOPOLOGICAL TECHNIQUES FOR COMPUTER ANALYSIS OF PASSIVE AND ACTIVE ELECTRICAL NETWORKS. (PH.D. 1971 THE UNIVERSITY OF SANTA CLARA) 121p. 33/10-B, p. 4802 **BLE73-09247**

DUNN, WILLIAM WALTON
COMPUTER ANALYSIS OF VIBRONIC BAND ENVELOPES OF TRIDEUTERIO AMMONIA AND SULFUR-DIOXIDE. (PH.D. 1963 TEXAS A&M UNIVERSITY) 99p. 25/04, p. 2565 BLE64-08206

DUNNING, CHARLES ALEXANDER, JR.
SOME APPLICATIONS OF GRAPH THEORY TO GAME ANALYSIS. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 379p. 32/12-B, p. 6970 BLE72-16683

DUPREE, JAMES EDWARD
LINEAR TIME-VARYING SYSTEM ANALYSIS BASED ON A BI-FREQUENCY SCATTERING TRANSFORM DESCRIPTION. (PH.D. 1969 AUBURN UNIVERSITY) 176p. 30/09-B, p. 4129 BLE69-18636

DURALL, EDWIN PHILLIP
A FEASIBILITY STUDY: REMEDIATION BY COMPUTER WITHIN A COMPUTER-MANAGED INSTRUCTION COURSE IN JUNIOR HIGH SCHOOL MATHEMATICS. (PH.D. 1972 THE FLORIDA STATE UNIVERSITY) 118p. 33/06-A, p. 2611 BLE72-31383

DURAN, JOE WALLACE
A STUDY OF LOOP INVARIANTS AND AUTOMATIC PROGRAM SYNTHESIS. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 85p. 36/10-B, p. 5140 BLE76-08022

DURHAM, STANTON POOL
THE COMPUTER IN THE RECONSTRUCTION OF A PROTO-DIASYSTEM: FRANCO-PROVENCAL. (VOLUMES I AND II). (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 556p. 31/02-A, p. 741 BLE70-14606

DURRETT, JOHN CHARLES
SUBOPTIMAL CONTROL OF POLE LOCATIONS IN LINEAR SYSTEMS THROUGH STATE-VARIABLE FEEDBACK. (PH.D. 1971 UNIVERSITY OF COLORADO AT BOULDER) 92p. 32/04-B, p. 2119 BLE71-28818

DUBONCHET, YVES PASCAL
DISCRETE DYNAMIC OPTIMIZING: A METHOD FOR SOLVING LARGE SEQUENTIAL PROBLEMS - ITS APPLICATION TO THE PLANNING OF ELECTRICAL POWER SYSTEMS. (PH.D. 1972 PURDUE UNIVERSITY) 232p. 33/06-A, p. 2564 BLE72-30686

DUTTON, RONALD DUANE
A REFINED COMPUTATIONAL ALGORITHM FOR A CLASS OF DYNAMIC PROGRAMMING PROBLEMS WITH APPLICATIONS TO THE SNAKE - COLUMBIA RIVER BASIN. (PH.D. 1973 WASHINGTON STATE UNIVERSITY) 186p. 33/12-B, p. 5764 BLE73-14748

DWIVEDI, NARENDRA PRASAD
FILTERING AND OPTIMIZATION OF LINEAR STOCHASTIC SYSTEMS WITH CROSS-CORRELATED NOISE. (PH.D. 1969 AUBURN UNIVERSITY) 88p. 30/07-B, p. 3175 BLE69-21310

DWYER, THOMAS A.
NUMERICAL ANALYSIS AND NONLINEAR NETWORK PROBLEMS. (PH.D. 1960 CASE WESTERN RESERVE UNIVERSITY) 90p. 21/08, p. 2309 BLE60-05534

DWYER, THOMAS FRANCIS
BIPOLAR MAGNETICS FOR DIGITAL INFORMATION PROCESSING. (PH.D. 1966 PRINCETON UNIVERSITY) 188p. 27/08-B, p. 2708 BLE66-13306

DYKSTRA, DENNIS PETER
TIMBER HARVEST LAYOUT BY MATHEMATICAL AND HEURISTIC PROGRAMMING. (PH.D. 1976 OREGON STATE UNIVERSITY) 310p. 37/04-B, p. 1837 BLE76-23510

DY-LIACCO, TOMAS ENCISO
CONTROL OF POWER SYSTEMS VIA THE MULTI-LEVEL CONCEPT. (PH.D. 1968 CASE WESTERN RESERVE UNIVERSITY) 123p. 29/12-B, p. 4653 BLE69-09386

DYOTT, THOMAS MICHAEL
UTILIZATION OF STEREOCHEMISTRY AND OTHER ASPECTS OF COMPUTER-ASSISTED SYNTHETIC DESIGN. (PH.D. 1973 PRINCETON UNIVERSITY) 231p. 34/11-B, p. 5382 BLE74-09677

DZUBOW, STEVEN ROBERT
A METHODOLOGY FOR THE DESIGN AND CONTROL OF LOGISTIC SERVICE SYSTEMS. (PH.D. 1972 UNIVERSITY OF PENNSYLVANIA) 449p. 33/07-A, p. 3120 BLE73-01382

E

EAGLE, THOMAS CLAYTON
WAFER PREPARATION COMPUTER CONTROL SYSTEM. (D.ENGR. 1975 UNIVERSITY OF KANSAS) 320p. 36/07-B, p. 3561 BLE75-30024

EARLY, BENJAMIN NATHANIEL
STOCHASTIC OPTIMAL CONTROL. (PH.D. 1970 CALIFORNIA INSTITUTE OF TECHNOLOGY) 109p. 31/04-B, p. 1959 BLE70-18036

EARNER, WILLIAM ANTHONY, JR.
AN ASSESSMENT OF ORGANIZATIONAL ELEMENTS THAT AFFECT THE INTRODUCTION OF A COMPUTER-BASED SIMULATION INTO SOME ORGANIZATIONAL DECISION PROCESSES. (D.B.A. 1973 HARVARD UNIVERSITY) 335p. 34/05-A, p. 2092 BLE73-27536

EASTER, BILLY HOWARD
COMPUTER-AIDED DESIGN OF POWER SYSTEMS USING ENERGY STORAGE. (PH.D. 1969 OKLAHOMA STATE UNIVERSITY) 130p. 31/08-B, p. 4681 BLE70-21377

EASTMAN, ELWIN GRANT
AN INFORMATION STRUCTURE PROCESSING SYSTEM. (PH.D. 1975 UNIVERSITY OF UTAH) 285p. 36/05-B, p. 2350 BLE75-25794

EASTMAN, JEFFREY FORD
AN N-SPACE MODEL FOR VISUAL AND VERBAL CONCEPTS. (PH.D. 1975 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 91p. 36/02-A, p. 582 BLE75-17066

EASTON, RANDOLPH DAVID
AN INFORMATION PROCESSING INTERPRETATION OF IDEOMOTOR BEHAVIOR IN THE CHEVREUL PENDULUM ILLUSION. (PH.D. 1974 UNIVERSITY OF NEW HAMPSHIRE) 105p. 35/04-B, p. 1934 BLE74-21083

EATON, JAMES HOWARD
AN ITERATIVE SOLUTION TO TIME-OPTIMAL CONTROL. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, BERKELEY) 35p. 24/03, p. 1114 BLE63-06397

EAVES, BURCHET CURTIS
THE LINEAR COMPLEMENTARITY PROBLEM IN MATHEMATICAL PROGRAMMING. (PH.D. 1969 STANFORD UNIVERSITY) 88p. 30/04-B, p. 1788 BLE69-17412

EBACHER, ELIZABETH VIVIENNE
A MATHEMATICAL MODEL AND COMPUTER SIMULATION OF SELECTED GLYCOLYTIC INTERMEDIATES. (PH.D. 1974 UNIVERSITY OF MASSACHUSETTS) 217p. 35/09-B, p. 4607 BLE75-06015

EBERHART, RUSSELL CARLEY
CROP THINNING CONTROL SYSTEMS DESIGN. (PH.D. 1972 KANSAS STATE UNIVERSITY) 106p. 33/05-B, p. 2073 BLE72-28839

ECKSTEIN, ELEANOR FOLEY
MENU PLANNING BY COMPUTER: THE RANDOM APPROACH TO PLANNING FOR CONSUMER ACCEPTABILITY AND NUTRITIONAL NEEDS. (PH.D. 1969 KANSAS STATE UNIVERSITY) 178p. 30/06-B, p. 2773 BLE69-21122

EDGELL, STEPHEN EDWARD
CONFIGURAL INFORMATION PROCESSING IN DECISION-MAKING. (PH.D. 1974 INDIANA UNIVERSITY) 137p. 35/07-B, p. 3609 BLE75-01692

EDMONDS, DONALD RAY
SEQUENTIAL-DETECTION AND CONTROL IN A DECISION ADAPTIVE ESTIMATION SYSTEM. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 210p. 34/08-B, p. 3821 BLE74-03165

EDMUNDS, THOMAS WILLIAM
SYMBIOSIS OF BATCH-PROCESSING COMPUTERS AND INTERACTIVE-COMPUTERS. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 199p. 34/04-B, p. 1462 BLE73-24004

EDWARDS, AGNES MARGARETE
A COMPUTER-BASED INSTRUCTIONAL SIMULATION FOR TEACHER-TRAINING AND EVALUATION IN SPECIAL EDUCATION. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 177p. 33/09-A, p. 4978 BLE73-07546

EDWARDS, JOHN SEYMORE
ADAPTIVE MAN-MACHINE INTERACTION IN INFORMATION RETRIEVAL. (PH.D. 1967 UNIVERSITY OF PENNSYLVANIA) 166p. 29/01-B, p. 180 BLE68-09196

EDWARDS, JOHN SOLOMON
A MODEL COMPUTER ASSISTED INFORMATION RETRIEVAL SYSTEM IN MUSIC EDUCATION . (ED.D. 1970 UNIVERSITY OF GEORGIA) 206p. 31/08-A, p. 4198 BLE71-03727

EDWARDS, JUDITH A.
A TWO-LEVEL HIERARCHICAL CONTROL SYSTEM FOR A DISTRIBUTED NETWORK OF COMPUTERS. (PH.D. 1975 THE UNIVERSITY OF OKLAHOMA) 180p. 36/08-B, p. 4069 BLE76-03093

EDWARDS, JUDITH BELLE
THE APPLICATION OF A SYSTEM DESIGN MODEL TO THE DEVELOPMENT AND TESTING OF COMPUTER-BASED SIMULATIONS IN CIVIL PROCEDURE. (PH.D. 1975 THE UNIVERSITY OF IOWA) 198p. 36/04-A, p. 2086 BLE75-23032

EGAN, JOHN FRANCIS
THE EFFECT OF INTEGRATING DIAL ACCESS INFORMATION RETRIEVAL SYSTEM PROGRAMS WITH THE INTRODUCTORY PSYCHOLOGY COURSE AT JERSEY CITY STATE COLLEGE. (PH.D. 1972 NEW YORK UNIVERSITY) 123p. 33/10-A, p. 5549 BLE73-08161

EGAN, JOHN FREDERICK
DESIGN AND OPTIMUM SYNTHESIS OF LINEAR SYSTEMS CONTAINING MODULATORS WITH PERIODIC CARRIERS. (PH.D. 1961 NORTHWESTERN UNIVERSITY) 183p. 22/07, p. 2332 BLE61-05306

EGGEN, MAURICE LEE
DISCRETE APPROXIMATIONS TO CONTINUOUS OPTIMAL CONTROL PROBLEMS. (PH.D. 1972 WESTERN MICHIGAN UNIVERSITY) 135p. 33/02-B, p. 813 BLE72-21406

EGGLESTON, DAVID MORTON
THE MAXIMUM PRINCIPLE APPLIED TO SYNTHESIS OF SOME FEEDBACK CONTROL SYSTEMS, MINIMIZING ERROR AND EFFORT. (PH.D. 1964 UNIVERSITY OF CALIFORNIA, BERKELEY) 81p. 25/03, p. 1825 BLE64-09009

EGGLESTON, KEITH OTIS
HYBRID COMPUTER SIMULATION OF THE ACCUMULATION AND MELT PROCESSES IN A SNOWPACK. (PH.D. 1970 UTAH STATE UNIVERSITY) 169p. 32/01-B, p. 277 BLE71-19120

EHIN, CHARLES
ANALYSES AND ALTERNATIVE PROPOSED GENERAL DESIGNS OF COMPUTER-BASED CORRESPONDENCE INSTRUCTION SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF OKLAHOMA) 211p. 33/02-A, p. 521 BLE72-22135

EHMSEN, RONALD JOHN
AUGMENTED TRANSPORT IN CENTRIFUGALLY STABILIZED LIQUID-LIQUID FLOW SYSTEMS: APPLICATIONS TO ARTIFICIAL LUNG DESIGN. (D.SC. 1974 WASHINGTON UNIVERSITY) 292p. 35/04-B, p. 1635 BLE74-23635

EID, MOHAMED SADEK
A UTILITY PROGRAM FOR THE ANALYSIS OF RISK (UPFAR). (PH.D. 1974 OKLAHOMA STATE UNIVERSITY) 242p. 35/10-B, p. 4907 BLE75-08757

EILER, EDWARD EUGENE
SELECTED ALTERNATIVES FOR PUBLIC HIGHER EDUCATION COLLECTIVE BARGAINING: AN ANALYSIS UTILIZING A SYSTEMS APPROACH. (ED.D. 1975 BALL STATE UNIVERSITY) 235p. 37/01-A, p. 60 BLE76-16463

EIN-DOR, PHILLIP
ELEMENTS OF A THEORY OF VISUAL INFORMATION PROCESSING. (PH.D. 1971 CARNEGIE-MELLON UNIVERSITY) 254p. 32/07-B, p. 4245 BLE72-04246

EISENBERG, BARRY RICHARD
QUASILINEARIZATION, IDENTIFICATION, AND SPECIFIC OPTIMAL CONTROL. (PH.D. 1965 THE UNIVERSITY OF FLORIDA) 170p. 27/03-B, p. 817 BLE66-08629

EISENBERG, LAWRENCE
DESIGN OF FEEDBACK CONTROL SYSTEMS WITH TRANSPORT LAG BY PARAMETER PLANE TECHNIQUES. (D.ENG.SC. 1966 NEW JERSEY INSTITUTE OF TECHNOLOGY) 223p. 28/01-B, p. 178 BLE66-11393

ELAND, DAVE RONALD
AN INFORMATION AND ADVISING SYSTEM FOR AN AUTOMATED INTRODUCTORY COMPUTER SCIENCE COURSE. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 116p. 36/09-B, p. 4582 BLE76-06756

EL ASHMAWI, FARID MOHAMED
USE OF ON-LINE PROCESS COMPUTERS FOR MALFUNCTION DIAGNOSIS AND FAULT DETECTION IN NUCLEAR POWER PLANTS. (PH.D. 1972 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 182p. 33/12-B, p. 5871 BLE73-13912

ELCI, ATILLA
FACTORS AFFECTING THE PROGRAM SIZE OF CONTROL FUNCTIONS OF OPERATING SYSTEMS. (PH.D. 1976 PURDUE UNIVERSITY) 142p. 37/03-B, p. 1335 BLE76-20264

ELDER, HOWARD ANTHONY
ON THE FEASIBILITY OF VOICE INPUT TO AN ON-LINE COMPUTER PROCESSING SYSTEM. (PH.D. 1969 CORNELL UNIVERSITY) 122p. 30/10-B, p. 4591 BLE70-05983

EL-GENEIDY, MEDHAT MOSTAFA
STABILIZATION OF LINEAR CONTINUOUS SYSTEMS: AN ALGEBRAIC APPROACH. (D.SC. 1974 WASHINGTON UNIVERSITY) 184p. 35/04-B, p. 1707 BLE74-23636

ELGIN, CATHERINE ZINCKE
REFERENCE AND MEANING: A TRACTARIAN ANALYSIS OF INCOMMENSURABLE REPRESENTATIONAL SYSTEMS. (PH.D. 1975 BRANDEIS UNIVERSITY) 204p. 36/01-A, p. 345 BLE75-15101

EL-HADIDY, BAHAA E. A.
DEVELOPMENT OF A DECISION MODEL FOR THE ECONOMICAL RETROSPECTIVE MACHINE-SEARCHING OF CA ("CHEMICAL ABSTRACTS") CONDENSATES BASED ON SUBDIVIDING THE FILE ON A SUBJECT BASIS. (PH.D. 1974 UNIVERSITY OF PITTSBURGH) 162p. 35/04-A, p. 2207 BLE74-20807

ELIAS, JEFFREY WAYNE
INFORMATION PROCESSING: AGE AND LATERALITY EFFECTS FOR PROCESSING SAME-DIFFERENT JUDGEMENTS. (PH.D. 1974 WEST VIRGINIA UNIVERSITY) 86p. 35/04-B, p. 1935 BLE74-21846

ELIASSI-RAD, TEYMOUR
AUTOMATIC LONGITUDINAL CONTROL OF RAMP VEHICLES–THEORY AND EXPERIMENT. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 184p. 33/02-B, p. 713 BLE72-20966

EL-KAISSY, MOHAMED MIDHAT MOUNIR
THE THERMOMECHANICS OF MULTIPHASE SYSTEMS WITH APPLICATION TO FLUIDIZED CONTINUA. (PH.D. 1975 STANFORD UNIVERSITY) 200p. 36/05-B, p. 2369 BLE75-25619

EL-KHORAZATY, MOHAMED NABIL
METHODOLOGICAL STRATEGIES FOR THE ANALYSIS OF CATEGORICAL DATA FROM MULTIPLE-RECORD SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 213p. 36/10-B, p. 4820 BLE76-09239

ELLER, DONALD HUBERT
OPTIMAL CONTROL OF LINEAR TIME DELAY SYSTEMS. (PH.D. 1969 THE UNIVERSITY OF TEXAS AT AUSTIN) 53p. 30/07-B, p. 3175 BLE69-21806

ELLERT, FREDERICK JOSEPH
INDICES FOR CONTROL SYSTEM DESIGN USING OPTIMIZATION THEORY. (D.ENG.SC. 1964 RENSSELAER POLYTECHNIC INSTITUTE) 321p. 25/12, p. 7153 BLE65-06427

ELLIOTT, CLIFFORD JOHN
A BEHAVIORAL STUDY OF MANAGERS OF BUSINESS COMPUTER SYSTEMS: WITH SPECIAL REFERENCE TO THEIR RELATION WITH TOP MANAGEMENT. (PH.D. 1970 THE OHIO STATE UNIVERSITY) 336p. 32/01-A, p. 15 BLE71-17993

ELLIOTT, DAVID LEROY
CONTROLLABLE NONLINEAR SYSTEMS DRIVEN BY WHITE NOISE. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 47p. 30/11-B, p. 5012 BLE70-08139

ELLIOTT, DONALD EARL
A LANGUAGE TO DESCRIBE AND SIMULATE MULTIPROCESSOR COMPUTER SYSTEMS. (PH.D. 1972 IOWA STATE UNIVERSITY) 227p. 33/10-B, p. 4758 BLE73-09443

ELLIOTT, DOUGLAS FLOYD
SUBOPTIMAL ADAPTIVE SAMPLED-DATA REGULATOR SYSTEM DESIGN USING STOCHASTIC APPROXIMATION. (PH.D. 1969 UNIVERSITY OF SOUTHERN CALIFORNIA) 193p. 30/05-B, p. 2170 BLE69-17878

ELLIOTT, MARY LILLIAN
A CASE STUDY OF TEACHER PREPARATION IN BUSINESS DATA PROCESSING IN OKLAHOMA. (ED.D. 1970 THE UNIVERSITY OF OKLAHOMA) 218p. 31/06-A, p. 2771 BLE70-22962

ELLIOTT, PORTIA CLAREON
ELEMENTARY MATHEMATICS TEACHER TRAINING VIA A PROGRAMMING LANGUAGE. (ED.D. 1974 UNIVERSITY OF MASSACHUSETTS) 279p. 35/01-A, p. 297 BLE74-15009

ELLIS, JAMES EDGAR
A COMPUTER ANALYSIS OF FAWN SURVIVAL IN THE PRONGHORN ANTELOPE. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, DAVIS) 79p. 31/12-B, p. 7240 BLE71-15531

ELLIS, THOMAS WALTER
SEQUENTIAL SUBOPTIMAL ADAPTIVE CONTROL OF NONLINEAR SYSTEMS. (PH.D. 1966 THE UNIVERSITY OF FLORIDA) 84p. 28/04-B, p. 1504 BLE67-12922

ELLISON, JAMES THOMAS
GALOIS LOGIC DESIGN. (PH.D. 1971 UNIVERSITY OF MINNESOTA) 157p. 32/06-B, p. 3491 BLE72-00348

ELLNER, JACK ROBERT
A SYSTEMS ANALYSIS APPROACH TO THE COMPREHENSION OF HUMAN BEHAVIOR BASED ON AN ANALOG-SYNELOG INFORMATIONAL THEORY: AN EXPLORATORY STUDY. (PH.D. 1969 NEW YORK UNIVERSITY) 494p. 31/03-B, p. 1382 BLE70-15958

ELLSON, EARLE IVERS
FINANCE AND CONTROL OF COMPUTER-ASSISTED INSTRUCTION IN CALIFORNIA PUBLIC SCHOOLS, KINDERGARTEN-FOURTEEN. (ED.D. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 205p.
33/04-A, p. 1352 **BLE72-27656**

ELLSWORTH, WILLIAM CAINE
HYBRID COMPUTER SOLUTION OF LINEAR STATE MODELS. (PH.D. 1969 MICHIGAN STATE UNIVERSITY) 74p. 30/04-B, p. 1680 **BLE69-16133**

ELMORE, JOYCE ANN
THE IDENTIFICATION OF PROBLEMS AND ISSUES OF INTRODUCING COMPUTER APPLICATIONS INTO BACCALAUREATE NURSING PROGRAMS. (PH.D. 1974 THE CATHOLIC UNIVERSITY OF AMERICA) 189p.
35/04-B, p. 1765 **BLE74-22691**

ELSEY, JOHN IRVING
THE DESIGN OF OPTIMAL CONTROL SYSTEMS FOR MULTIVARIABLE PROCESSES BY DIRECT SEARCH. (PH.D. 1969 CLEMSON UNIVERSITY) 321p.
31/03-B, p. 1243 **BLE70-17444**

ELSEY, PHILIP JAMES
AN AUTOMATIC RECORDER FOR THE UTAH X-RAY STRUCTURE COMPUTER. (PH.D. 1960 UNIVERSITY OF UTAH) 62p. 21/09, p. 2656 **BLE60-06226**

EL-SHERBINY, MOHAMED KAMEL
DIGITAL ANALYSIS OF EXCITATION CONTROL FOR INTER-CONNECTED POWER SYSTEMS. (PH.D. 1969 IOWA STATE UNIVERSITY) 169p.
31/02-B, p. 681 **BLE70-13583**

ELSHOFF, JAMES LESTER
THE BINARY FLOATING POINT DIGITAL DIFFERENTIAL ANALYZER. (PH.D. 1970 THE PENNSYLVANIA STATE UNIVERSITY) 85p.
32/01-B, p. 228 **BLE71-16596**

ELWELL, ELIZABETH ANN
GENERATION OF A MODEL OF LEADERSHIP AS AN ADAPTIVE ACTION SYSTEM. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 153p.
33/07-A, p. 3186 **BLE72-23733**

ELY, DAVID WILLIAM
THE DEVELOPMENT OF GUIDELINES TO ASSIST LOCAL SCHOOL DISTRICTS ORGANIZE TO OBTAIN ELECTRONIC DATA PROCESSING SERVICES. (ED.D. 1970 THE UNIVERSITY OF NEBRASKA - LINCOLN) 104p. 31/10-A, p. 5067 **BLE71-09554**

ELY, DONALD DEAN
DEVELOPMENT OF MULTIVARIATE ANALYSIS TO IMPROVE THE EFFICIENCY OF AN IPI LEARNING SYSTEM. (ED.D. 1972 OKLAHOMA STATE UNIVERSITY) 116p. 33/12-A, p. 6727 **BLE73-15104**

EMANUEL, WILLIAM ROBERT
LINEAR PERIODIC CONTROL WITH APPLICATIONS TO ENVIRONMENTAL SYSTEMS. (PH.D. 1975 OKLAHOMA STATE UNIVERSITY) 95p.
36/10-B, p. 5178 **BLE76-09665**

EMERY, SIDNEY WILLIAMS, JR.
TRANSOCEANIC DRY-BULK SYSTEMS OPTIMIZATION BY GEOMETRIC-PROGRAMMING. (PH.D. 1974 STANFORD UNIVERSITY) 141p.
35/03-B, p. 1266 **BLE74-20187**

EMPFIELD, CHICK ORBIN
DIFFERENCES IN MEMORY INFORMATION PROCESSING AS RELATED TO VISUAL-ORAL TREATMENT, VERBAL AND VISUAL RECALL TASKS, AND CHILDREN OF AGES FIVE, NINE, AND THIRTEEN YEARS. (PH.D. 1973 UNIVERSITY OF PITTSBURGH) 249p. 34/10-A, p. 6515 **BLE74-08691**

ENEMARK, DONALD CLIFFORD
FEASIBILITY STUDY AND DESIGN OF AN ANTENNA POINTING SYSTEM WITH AN IN-LOOP, TIME-SHARED DIGITAL COMPUTER. (PH.D. 1970 THE UNIVERSITY OF IOWA) 292p. 31/03-B, p. 1271 **BLE70-15595**

ENGEL, ALEJANDRO BRATTER
PLANE AUTONOMOUS STATE CLASSIFIERS: A DYNAMICAL SYSTEM ANALYSIS OF MEASUREMENTS AND RELATED PROCESSES. (PH.D. 1972 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 111p.
33/08-B, p. 3769 **BLE73-05105**

ENGELBERG, GEORGE PHILIP
A REAL TIME EMULATION OF A HIERARCHICAL COMPUTER NETWORK. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, SANTA BARBARA) 367p.
36/09-B, p. 4583 **BLE76-06573**

ENGELLAND, JAMES DAVID
OPTIMAL DISCRETE-LEVEL CONTROL. (PH.D. 1970 OKLAHOMA STATE UNIVERSITY) 157p.
31/10-B, p. 6008 **BLE71-11139**

ENGELSTAD, DONALD GEORGE
ON DECISION VARIABLE CONTINGENCY AND SYSTEM DESENSITIZATION IN PROCESS DESIGN. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 277p. 31/04-B, p. 1919 **BLE70-15889**

ENGLISH, WILLIAM EDWARD
A STUDY TO DEVELOP A DATA BASE FOR AN EDUCATIONAL MANAGEMENT INFORMATION SYSTEM FOR SCHOOLS IN OHIO. (PH.D. 1972 OHIO UNIVERSITY) 218p. 33/11-A, p. 6004 **BLE73-12628**

ENNS, MARK KYNASTON
OPTIMAL CONTROL OF MULTIVARIABLE DYNAMIC SYSTEMS THROUGH LINEAR PROGRAMMING. (PH.D. 1967 UNIVERSITY OF PITTSBURGH) 176p.
29/01-B, p. 180 **BLE68-09741**

EPPLER, WALTER GEORGE, JR.
ANALYTICAL DESIGN OF MANNED CONTROL SYSTEMS. (PH.D. 1966 STANFORD UNIVERSITY) 190p. 27/07-B, p. 2355 **BLE66-14658**

EPPS, MARY LEE SMITH
A COMPUTER SIMULATION OF THE WORLD COFFEE ECONOMY. (PH.D. 1970 DUKE UNIVERSITY) 353p.
32/01-A, p. 31 **BLE71-19186**

ERCEGOVAC, MILOS DRAGUTIN
A GENERAL METHOD FOR EVALUATION OF FUNCTIONS AND COMPUTATIONS IN A DIGITAL COMPUTER. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 118p.
36/09-B, p. 4583 **BLE76-06758**

ERDLE, JAMES C.
SIMULATING THE OPERATING COSTS OF A NATURAL GAS DISTRIBUTION SYSTEM WITH LINEAR FLOW MODELS. (PH.D. 1974 THE PENNSYLVANIA STATE UNIVERSITY) 174p. 36/03-B, p. 1389 **BLE75-19751**

ERIC, MICHEL JACQUES
AN ECONOMIC MODEL OF A COMPUTER NETWORK. (PH.D. 1975 STANFORD UNIVERSITY) 175p.
36/05-A, p. 3010 **BLE75-25520**

ERICKSON, JON JAY
APPLICATIONS OF COMPUTERS AND DIGITAL TECHNIQUES IN CLINICAL AND INVESTIGATIVE NUCLEAR MEDICINE. (PH.D. 1972 VANDERBILT UNIVERSITY) 310p. 33/04-B, p. 1726 **BLE72-26098**

ERICKSON, RAYMOND FREDERICK PAUL
RHYTHMIC PROBLEMS AND MELODIC STRUCTURE IN ORGANUM PURUM: A COMPUTER-ASSISTED STUDY. (VOLUMES I-III). (PH.D. 1970 YALE UNIVERSITY) 430p. 31/12-A, p. 6645 **BLE71-16231**

ERIKSON, WARREN JOHN
AN ANALYTICAL COST EVALUATION OF COMPUTER TIME-SHARING SYSTEMS. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 276p.
28/05-A, p. 1564 **BLE67-14302**

ERMAN, LEE DANIEL
AN ENVIRONMENT AND SYSTEM FOR MACHINE UNDERSTANDING OF CONNECTED SPEECH. (PH.D. 1974 STANFORD UNIVERSITY) 172p.
35/06-B, p. 2698 **BLE74-27012**

ERZBERGER, HEINZ
AN APPROACH TO THE CONTROL OF DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1965 CORNELL UNIVERSITY) 137p. 26/10, p. 5948 **BLE66-04372**

ESCH, JOHN WILLIAM
-RASCEL- A PROGRAMMABLE ANALOG COMPUTER BASED ON A REGULAR ARRAY OF STOCHASTIC COMPUTING ELEMENT LOGIC. (PH.D. 1969 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 108p. 30/07-B, p. 3175 **BLE70-00643**

ESCHENBACHER, ROBERT CARL
EXPERIMENTAL STUDIES ON OPTIMAL COMPUTER CONTROL OF A CONTINUOUS DISTILLATION COLUMN. (PH.D. 1970 THE UNIVERSITY OF FLORIDA) 144p. 32/01-B, p. 261 **BLE71-16760**

ESKIN, HOWARD DAVID
EVENT SEQUENCING IN DISCRETE SIMULATION. (ENG.SC.D. 1970 COLUMBIA UNIVERSITY) 157p.
32/01-B, p. 228 **BLE71-17484**

ESKINAZI, JAK
DESIGN AND IMPLEMENTATION OF COMPUTER BASED EDUCATIONAL MODULES. (PH.D. 1974 SYRACUSE UNIVERSITY) 349p.
35/11-A, p. 7027 **BLE75-10637**

ESOGBUE, AUGUSTINE MOSES ONWUYALIM
OPTIMAL AND ADAPTIVE CONTROL OF A STOCHASTIC SERVICE SYSTEM WITH APPLICATIONS TO HOSPITALS. (PH.D. 1968 UNIVERSITY OF SOUTHERN CALIFORNIA) 223p.
29/06-B, p. 2050 **BLE68-17020**

ESSEFF, MARY S.
A SURVEY OF THE DESIGN AND IMPLEMENTATION OF DRUG EDUCATION CURRICULA IN REGARD TO THE INSTRUCTIONAL SYSTEMS DESIGN MODEL IN SELECTED SCHOOL DISTRICTS IN THE UNITED STATES. (PH.D. 1972 THE CATHOLIC UNIVERSITY OF AMERICA) 247p. 33/02-A, p. 550 **BLE72-22674**

ESTES, HOWARD MITCHELL, JR.
USE OF STATE VARIABLE CONCEPTS IN THE SYNTHESIS OF LINEAR SAMPLED-DATA CONTROL SYSTEMS. (PH.D. 1961 THE UNIVERSITY OF MICHIGAN) 190p. 22/07, p. 2314 **BLE61-06349**

ESTRADA, RICHARD FRANCIS
INPUT OUTPUT STABILITY IN NONLINEAR SYSTEMS USING LIAPUNOV METHODS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 188p.
30/05-B, p. 2170 **BLE69-18913**

ETGEN, GARRET JAY
ON SYSTEMS OF NONLINEAR DIFFERENTIAL EQUATIONS. (PH.D. 1964 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 59p.
25/09, p. 5296 **BLE65-00085**

ETZWEILER, GEORGE ARTHUR
AN ADAPTIVE CONTROL SYSTEM FOR THE REDUCTION OF STEADY STATE ERRORS. (PH.D. 1964 THE PENNSYLVANIA STATE UNIVERSITY) 149p.
26/02, p. 948 **BLE65-06734**

EURESTY, DAVID ELIAS
A SYSTEMS APPROACH TO THE REGIONAL EVALUATION OF POTENTIAL MINERAL RESOURCES USING COMPUTER SIMULATION, WITH A CASE STUDY OF THE IMPACT OF INFRASTRUCTURE ON POTENTIAL SUPPLY OF BASE AND PRECIOUS METALS OF SONORA, MEXICO. (PH.D. 1971 THE PENNSYLVANIA STATE UNIVERSITY) 243p.
32/09-B, p. 5217 **BLE72-09455**

EVANS, DAVID ALEXANDER
MAN/COMPUTER AUGMENTATION SYSTEMS FOR QUALITATIVE PLANNING. (PH.D. 1970 STANFORD UNIVERSITY) 504p. 31/04-B, p. 1944 **BLE70-18401**

EVANS, JAMES WILLIAM
COMPUTER GENERATED D-OPTIMAL, V-OPTIMAL, AND TRACE OPTIMAL MINIMUM BIAS EXPERIMENTAL DESIGNS. (PH.D. 1974 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 73p.
35/10-B, p. 5192 **BLE75-07722**

EVANS, JOHN PARKHILL
ASYMPTOTIC DUALITY IN MATHEMATICAL PROGRAMMING AND DUALITY IN MARKOV PROGRAMS. (PH.D. 1968 CORNELL UNIVERSITY) 149p. 29/06-B, p. 2112 **BLE68-15717**

EVANS, MAUREEN LORETTA
DIFFERENCES IN THE VERBAL BEHAVIOR OF COLLEGE SUPERVISORS USING THE BLUMBERG SYSTEM FOR ANALYZING SUPERVISORY CONFERENCES AND COLLEGE SUPERVISORS USING NO SYSTEMATIC ANALYSIS. (ED.D. 1972 COLUMBIA UNIVERSITY) 164p. 33/03-A, p. 1056 **BLE72-23697**

EVANS, ROBERT HUGH, JR.
A COMPUTER EXPERIMENT STUDY OF POINT-DEFECT PROPERTIES IN A MODEL HEXAGONAL CLOSE-PACKED (HCP) METAL. (PH.D. 1973 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 94p.
35/02-B, p. 842 **BLE74-18992**

EVELEIGH, VIRGIL WILLIAM
A COMPARISON OF TWO APPROACHES TO EXTREMA SEARCHING ADAPTIVE SYSTEMS. (PH.D. 1961 PURDUE UNIVERSITY) 171p.
22/06, p. 1933 **BLE61-05712**

EVENS, MARTHA WALTON
SEMANTIC REPRESENTATIONS FOR QUESTION-ANSWERING SYSTEMS. (PH.D. 1975 NORTHWESTERN UNIVERSITY) 504p. 36/11-B, p. 5684 **BLE76-11886**

EVENSON, EDWIN KENT
THE APPLICATION OF CLUSTERING TECHNIQUES TO DATA-CORRELATION IN LARGE-SCALE SYSTEMS. (PH.D. 1973 STEVENS INSTITUTE OF TECHNOLOGY) 216p. 34/07-B, p. 3241 **BLE74-00872**

EVEREST, GORDON CHARLES
MANAGING CORPORATE DATA RESOURCES: OBJECTIVES AND A CONCEPTUAL MODEL OF DATABASE MANAGEMENT SYSTEMS. (PH.D. 1974 UNIVERSITY OF PENNSYLVANIA) 602p.
35/04-A, p. 2207 **BLE74-22836**

EVERETT, GERALD DAVID
DATA STRUCTURE AND ALGORITHMIC DETERMINACY: A FORMAL MODEL FOR THE COMPARISON OF DATA MANAGEMENT SYTEMS. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 110p. 32/10-B, p. 5732 **BLE72-11344**

EVERETT, RONALD EXNER
A STUDY TO DEVELOP A GENERALIZED APPLICATION PACKAGE OF PUBLIC LAW 874 FOR COMPUTER USING COBOL. (PH.D. 1971 UNIVERSITY OF UTAH) 121p. 32/04-A, p. 1781 **BLE71-25048**

EWELL, GEORGE WATKINS, III
DESIGN OF DIGITAL MOVING TARGET INDICATION RADAR PROCESSORS. (PH.D. 1974 GEORGIA INSTITUTE OF TECHNOLOGY) 149p.
35/04-B, p. 1661 **BLE74-21569**

EWEN, EDWARD JOSEPH
BLACK BOX IDENTIFICATION OF NONLINEAR VOLTERRA SYSTEMS. (PH.D. 1975 SYRACUSE UNIVERSITY) 487p. 37/04-B, p. 1814 **BLE76-18508**

EWING, DONALD JAMES, JR.
COMPUTATIONAL METHODS FOR THE OPTIMIZATION OF SAMPLED-DATA DISTRIBUTED-PARAMETER SYSTEMS BY USE OF DYNAMIC PROGRAMMING. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 326p. 31/12-B, p. 7290 **BLE71-12686**

EYMAN, EARL DUANE
COMPUTER STUDY OF THE EFFECT OF THE AMORTISSEUR WINDINGS ON THE CONTROL OF AN ALTERNATOR WHEN DRIVEN BY DIESEL ENGINES. (PH.D. 1966 UNIVERSITY OF COLORADO AT BOULDER) 137p. 28/03-B, p. 899 **BLE67-09976**

EYSTER, IRA MILTON
DEVELOPMENT AND TESTING OF A MODEL USING COMPUTER TECHNIQUES TO DEVISE ALTERNATIVE DESEGREGATION PLANS FOR URBAN SCHOOLS. (PH.D. 1970 THE UNIVERSITY OF OKLAHOMA) 151p.
31/11-A, p. 5698 **BLE71-12567**

EYSTER, JAMES WALTER
OPTIMAL SELF-PERPETUATING FLOW IN A CLOSED-LOOP AIR TRAFFIC CONTROL NETWORK. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 247p.
32/08-B, p. 4611 **BLE72-04479**

EZZATI, ALI
A COMPUTER SIMULATION MODEL FOR EVALUATING THE DEPENDENCY AND BARGAINING POWER OF THE OIL PRODUCING COUNTRIES VERSUS THE INTERNATIONAL OIL COMPANIES: AN ECONOMETRIC APPROACH. (PH.D. 1971 INDIANA UNIVERSITY) 220p. 32/02-A, p. 612 **BLE71-21279**

F

FABENS, WILLIAM JAMES HAIL
AN ADAPTIVE INTERACTIVE TEACHING SYSTEM FOR PROGRAMMING LANGUAGES. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 228p.
31/11-B, p. 6560 **BLE71-03456**

FADDEN, EDWARD JOSEPH
COMPUTATIONAL ASPECTS OF A CLASS OF OPTIMAL CONTROL PROBLEMS. (PH.D. 1965 THE UNIVERSITY OF MICHIGAN) 129p.
26/05, p. 2615 **BLE65-10962**

FAGAN, SIDNEY
AN INVESTIGATION OF THE EFFECT OF TEACHING STRATEGIES ON COGNITIVE AND AFFECTIVE RESPONSES OF PRE-SERVICE TEACHERS TOWARD COMPUTERS. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 169p. 32/09-A, p. 5084 **BLE72-08667**

FAGERSTROM, DUWAIN ARLIE
THE DEVELOPMENT OF A PROGRAMMED INSTRUCTIONAL UNIT CONTAINING BASIC CONCEPTS OF DATA PROCESSING FOR USE IN THE BUSINESS EDUCATION CURRICULUM OF SECONDARY SCHOOLS. (ED.D. 1974 UNIVERSITY OF NORTHERN COLORADO) 240p.
35/11-A, p. 7021 **BLE75-11085**

FAHMY, MOUSTAFA MAHMOUD
A SOLUTION TECHNIQUE FOR A CLASS OF OPTIMAL CONTROL PROBLEMS IN DISTRIBUTIVE SYSTEMS. (PH.D. 1966 THE UNIVERSITY OF MICHIGAN) 159p.
27/07-B, p. 2355 **BLE66-14515**

FAIDLEY, LEVERN WILLIAM
COMPUTER SIMULATION OF THE COOPERATIVE APPROACH TO TRACTOR MECHANIZATION IN A DEVELOPING COUNTRY. (PH.D. 1975 MICHIGAN STATE UNIVERSITY) 247p.
36/03-B, p. 1324 **BLE75-20834**

FAIN, NATHAN BRYANT
A DECISION THEORY APPROACH TO TEACHING HYPOTHESIS TESTING AND CONFIDENCE INTERVALS WITH COMPUTER SUPPORT. (ED.D. 1973 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 75p. 34/07-A, p. 3830 **BLE73-32211**

FAIRLEY, RICHARD EARL
A BATCH-COMPATIBLE INTERACTIVE COMPUTING SYSTEM FOR DYNAMIC MODELING. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 221p.
32/06-B, p. 3296 **BLE72-01474**

FAJEMIROKUN, FRANCIS AFOLABI
APPLICATION OF NEW OBSERVATIONAL SYSTEMS FOR SELENODETIC CONTROL. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 229p.
32/08-B, p. 4658 **BLE72-04480**

FAKAN, JOHN CALIN
ANALYSIS OF MAN/MACHINE SYSTEMS. (PH.D. 1968 COLORADO STATE UNIVERSITY) 214p.
29/05-B, p. 1645 **BLE68-14931**

FAKHERI, ALBERT
POWER TRANSIENTS CONTROL BY MULTISTEP SWITCHING OF REACTIVE ELEMENTS. (PH.D. 1972 UNIVERSITY OF MISSOURI - COLUMBIA) 215p.
34/03-B, p. 1104 **BLE73-21417**

FALCONE, DAVID J.
LEGISLATIVE CHANGE AND OUTPUT CHANGE: A TIME-SERIES ANALYSIS OF THE CANADIAN SYSTEM. (PH.D. 1974 DUKE UNIVERSITY) 320p. 35/08-A, p. 5476 BLE75-02374

FALK, GILBERT
COMPUTER INTERPRETATION OF IMPERFECT LINE DATA AS A THREE-DIMENSIONAL SCENE. (PH.D. 1971 STANFORD UNIVERSITY) 196p. 31/11-B, p. 6560 BLE71-12895

FAN, SHI PING
SINC-S: A COMPUTER PROGRAM FOR THE STEADY-STATE ANALYSIS OF TRANSISTOR OSCILLATORS. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 265p. 37/01-B, p. 381 BLE76-15172

FAN, YU-DAR
DESIGN OF FAIL-SAFE ASYNCHRONOUS SEQUENTIAL MACHINES. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 83p. 37/01-B, p. 333 BLE76-16131

FANG, IRVING
A COMPUTER-BASED ANALYSIS OF TELEVISION NEWS WRITING STYLE FOR LISTENING COMPREHENSION. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 392p. 27/06-A, p. 1774 BLE66-11906

FANG, ISU
FOLDS, A DECLARATIVE FORMAL LANGUAGE DEFINITION SYSTEM. (PH.D. 1973 STANFORD UNIVERSITY) 296p. 33/12-B, p. 5764 BLE73-14894

FANG, RONG JI
PROCESS CONTROL OF INTERACTION SYSTEMS. (PH.D. 1972 PURDUE UNIVERSITY) 233p. 33/06-B, p. 2581 BLE72-30890

FANG, YANG
OPTIMAL DESIGN OF AUTOMATIC CONTROL SYSTEMS BY USE OF DYNAMIC PROGRAMMING TECHNIQUES. (PH.D. 1959 THE UNIVERSITY OF WISCONSIN - MADISON) 122p. 20/06, p. 2199 BLE59-05765

FANNIN, DAVID RONALD
SENSITIVITY METHODS FOR NONLINEAR SYSTEMS. (PH.D. 1970 TEXAS TECH UNIVERSITY) 75p. 31/07-B, p. 4037 BLE71-00521

FARAMELLI, NORMAN J.
SOME IMPLICATIONS OF CYBERNETICS FOR OUR UNDERSTANDING OF MAN: AN APPRECIATION OF THE WORKS OF DR. NORBERT WIENER AND THEIR IMPLICATIONS FOR RELIGIOUS THOUGHT. (PH.D. 1968 TEMPLE UNIVERSITY) 364p. 30/06-A, p. 2604 BLE69-18369

FARISON, JAMES BLAIR
IDENTIFICATION AND CONTROL OF RANDOM-PARAMETER, DISCRETE SYSTEMS. (PH.D. 1964 STANFORD UNIVERSITY) 63p. 25/03, p. 1814 BLE64-09622

FARLEE, CORALIE
INTRODUCING COMPUTER ASSISTED INFORMATION SYSTEMS IN HOSPITALS: SOME IMPLICATIONS FOR SOCIOLOGY AND HOSPITAL INFORMATION SYSTEMS. (PH.D. 1971 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 242p. 32/09-A, p. 5354 BLE72-09616

FARLEY, ALAN KEITH
EDUCATIONAL DECISION-MAKING AND THE USE OF COMPUTERS IN SCHOOL SCHEDULING: A MANUAL FOR SCHOOL ADMINISTRATORS. (ED.D. 1975 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 160p. 36/05-A, p. 2530 BLE75-25882

FARLEY, ARTHUR MELVIN
VIPS: A VISUAL IMAGERY AND PERCEPTION SYSTEM; THE RESULT OF A PROTOCOL ANALYSIS (WITH) VOLUME II: APPENDICES. (PH.D. 1974 CARNEGIE-MELLON UNIVERSITY) 654p. 35/03-B, p. 1230 BLE74-20494

FARNIA, KHOSROW
COMPUTER-ASSISTED EXPERIMENTAL AND ANALYTICAL STUDY OF TIME/TEMPERATURE-DEPENDENT THERMAL PROPERTIES OF THE ALUMINUM ALLOY 2024-T351. (PH.D. 1976 MICHIGAN STATE UNIVERSITY) 198p. 37/02-B, p. 924 BLE76-18616

FAROUQ-ALI, SYED MUHAMMED
SIMULATION OF ALCOHOL DISPLACEMENTS IN POROUS MEDIA BY USE OF DIGITAL COMPUTER PROGRAMS. (PH.D. 1964 THE PENNSYLVANIA STATE UNIVERSITY) 198p. 26/02, p. 934 BLE65-04374

FARR, DONALD LAWRENCE
STABILITY OF FORCED VIBRATIONS IN NONLINEAR SYSTEMS WITH TWO DEGREES OF FREEDOM. (PH.D. 1958 STANFORD UNIVERSITY) 120p. 18/04, p. 1385 BLE58-01285

FARRANT, LESLIE ARTHUR
COMPUTER-AIDED DESIGN OF LIQUID ION-EXCHANGE PROCESSES, COMPETING EXTRACTION OF IRON(III) AND COPPER(II) BY TRI-ISO-OCTYLAMINE AND BY DI-(2-ETHYLHEXYL)-PHOSPHORIC ACID. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 240p. 35/07-B, p. 3301 BLE75-00663

FARRIS, DONALD RAY
SYSTEM STRUCTURE IDENTIFICATION AND WORTH ASSESSMENT FOR DECISION ANALYSIS BY INTERPRETIVE STRUCTURAL MODELING. (PH.D. 1974 SOUTHERN METHODIST UNIVERSITY) 230p. 35/07-B, p. 3327 BLE75-01168

FARRIS, GEORGE JOSEPH
A DIGITAL DIFFERENTIAL ANALYZER PROGRAMMING SYSTEM FOR THE I.B.M. 7074 COMPUTER. (PH.D. 1964 IOWA STATE UNIVERSITY) 109p. 25/05, p. 2898 BLE64-10640

FARROW, ROBERT LUCAS
AN ANALYSIS OF PRESSURE ENERGY HARMONIC PROPAGATION IN THE ARTERIAL SYSTEM BY A DIGITAL COMPUTER FOURIER TECHNIQUE. (PH.D. 1958 THE OHIO STATE UNIVERSITY) 96p. 19/04, p. 851 BLE58-03418

FASANG, PATRICK PAD
DESIGN OF A MINI-COMPUTER CONTROLLED DIGITAL INTEGRATED CIRCUIT TESTER. (PH.D. 1974 OREGON STATE UNIVERSITY) 160p. 35/03-B, p. 1256 BLE74-20566

FATEHI, MOHAMMAD-TAGHI
A STUDY OF A HOLOGRAPHIC ANALOG ASSOCIATIVE MEMORY WITH APPLICATION TO PATTERN RECOGNITION. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 244p. 36/03-B, p. 1356 BLE76-19434

FATH, AUGUST FREDERICK
APPROXIMATIONS TO THE OPTIMAL CONTROL OF LINEAR SYSTEMS SUBJECT TO STATE VARIABLE CONSTRAINTS BY USE OF LINEAR PROGRAMMING TECHNIQUES. (PH.D. 1967 THE UNIVERSITY OF WISCONSIN - MADISON) 268p. 28/08-B, p. 3282 BLE67-12421

FAUBION, BILLY DON
ESR STUDY OF THE ANION RADICAL OF ANTHRAQUINONE AND THE COMPUTER ANALYSIS OF ESR SPECTRA. (PH.D. 1968 TEXAS A&M UNIVERSITY) 68p. 29/11-B, p. 4125 BLE69-08477

FAUGERAS, OLIVIER DOMINIQUE
DIGITAL COLOR IMAGE PROCESSING AND PSYCHOPHYSICS WITHIN THE FRAMEWORK OF A HUMAN VISUAL MODEL. (PH.D. 1976 UNIVERSITY OF UTAH) 132p. 37/04-B, p. 1775 BLE76-23261

FAULSTICH, ALBERT JOSEPH, JR.
OPTIMAL CONTROL OF SYSTEMS DESCRIBED BY INTEGRAL EQUATIONS. (PH.D. 1971 THE CATHOLIC UNIVERSITY OF AMERICA) 157p. 32/04-B, p. 2181 BLE71-25558

FAUSEY, NORMAN RAY
NUMERICAL MODEL ANALYSIS AND FIELD STUDY OF SHALLOW SUBSURFACE DRAINAGE. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 160p. 36/08-B, p. 3712 BLE76-03425

FAWCETT, CLIFFORD WILLIAM
FACTORS AND ISSUES IN THE SURVIVAL AND GROWTH OF THE U.S. MACHINE TOOL INDUSTRY: WITH EMPHASIS ON THE IMPACT OF COMPUTER BASED AUTOMATION AND FOREIGN MACHINE TOOL TECHNOLOGY. (D.B.A. 1976 THE GEORGE WASHINGTON UNIVERSITY) 257p. 37/01-A, p. 437 BLE76-10353

FAWCETT, RICHARD HAROLD
A COMPARATIVE STUDY OF ELECTRONIC DATA PROCESSING SCHEDULE MAKING AND OTHER CURRENT HIGH SCHOOL SCHEDULE-MAKING PRACTICES IN CONNECTICUT. (PH.D. 1970 THE UNIVERSITY OF CONNECTICUT) 236p. 31/03-A, p. 956 BLE70-15534

FAZIO, FRANK, JR.
AN INFORMATION THEORETIC INTERPRETATION OF ADULT HUMAN PROBLEM-SOLVING BEHAVIOR AND THE TRANSFER OF TRAINING AMONG THREE RELATED SCIENCE TASKS. (PH.D. 1972 UNIVERSITY OF PITTSBURGH) 178p. 33/12-A, p. 6745 BLE73-13272

FEARNSIDES, JOHN JOSEPH
MINIMUM-FUEL ATTITUDE CONTROL AND STABILIZATION OF AN INERTIALLY-ORIENTED SPACE STATION. (PH.D. 1971 UNIVERSITY OF MARYLAND) 168p. 32/10-B, p. 5551 BLE72-12750

FEATHERINGHAM, TOMMY ROWE
AN INVESTIGATION OF THE METHODOLOGIES FOR PARTITIONING A LARGE BIBLIOGRAPHIC DATA BASE INTO DISCIPLINE-ORIENTED SUBFILES. (PH.D. 1975 UNIVERSITY OF PITTSBURGH) 222p. 36/09-A, p. 5611 BLE76-05435

FEDER, MICHAEL PAUL
STABILITY AND OPTIMIZATION OF A CLASS OF MULTIVARIABLE SYSTEMS. (PH.D. 1969 UNIVERSITY OF RHODE ISLAND) 118p. 31/02-B, p. 682 BLE70-14707

FEDRICK, ROBERT JOHN
A STUDY OF THE ORGANIZATION AND ADMINISTRATION OF COMPUTER SERVICES IN CALIFORNIA PUBLIC JUNIOR COLLEGES AND THEIR RELATIONSHIP TO EFFECTIVENESS . (ED.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 223p. 32/06-A, p. 2942 BLE72-01475

FEGGELER, JOHN CHARLES
AN INVESTIGATION OF STOCHASTIC AND BOUNDING TECHNIQUES FOR REPRESENTING THE RESPONSE OF LINEAR SYSTEMS. (SC.D. 1968 STEVENS INSTITUTE OF TECHNOLOGY) 407p. 29/05-B, p. 1669 BLE68-16211

FEINBERG, WILLIAM EVAN
CONTRACEPTIVE PROTECTION PROVIDED INDIVIDUAL COUPLES AND ACHIEVEMENT OF PROGRAM GOALS: A COMPUTER SIMULATION STUDY OF A MARRIAGE COHORT UNDER VARYING CONDITIONS ASSOCIATED WITH NATIONAL FAMILY PLANNING PROGRAMS. (PH.D. 1973 BROWN UNIVERSITY) 195p. 34/09-A, p. 6119 BLE74-03009

FEINGOLD, ROBERT STEVEN
A SIMULATION APPROACH TO THE DEVELOPMENT AND EVALUATION OF HEURISTIC RESOURCE ALLOCATION RULES FOR A LARGE-SCALE GENERAL PURPOSE COMPUTER COMPLEX. (D.B.A. 1372 INDIANA UNIVERSITY, GRADUATE SCHOOL OF BUSINESS) 315p. 33/08-B, p. 3594 BLE73-04388

FELDENS, MARIA DAS GRACAS FURTADO
THE EFFECTS OF FEEDBACK, GOAL SETTING AND FEEDBACK PLUS GOAL SETTING ON THE INSTRUCTIONAL BEHAVIOR OF TEACHERS TRAINED IN THE OBSERVATIONAL SYSTEM FOR INSTRUCTIONAL ANALYSIS: A FIELD EXPERIMENT IN BRAZIL. (PH.D. 1976 THE OHIO STATE UNIVERSITY) 245p. 37/05-A, p. 2793 BLE76-24593

FELDER, MARVIN RAY
EVALUATIVE INFORMATION FOR DECISION-MAKING: ANALYSIS AND DESIGN. (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 221p. 31/11-A, p. 5698 BLE71-11531

FELDMAN, MICHAEL BLISS
AUTOMAT: A PROGRAMMING SYSTEM FOR THE STUDY OF TRANSITION-TABLE AUTOMATA MODELS. (PH.D. 1973 UNIVERSITY OF PENNSYLVANIA) 448p. 34/04-B, p. 1463 BLE73-24141

FELLINGER, WILLIAM LOWELL
SPECIFICATIONS FOR A FUZZY SYSTEM MODELING LANGUAGE. (PH.D. 1975 OREGON STATE UNIVERSITY) 93p. 35/07-B, p. 3278 BLE74-29715

FENG, TSE-YUN
AN ASSOCIATIVE PROCESSOR. (PH.D. 1967 THE UNIVERSITY OF MICHIGAN) 181p. 29/03-B, p. 1004 BLE68-13440

FENNELL, RICHARD DEAN
MULTIPROCESS SOFTWARE ARCHITECTURE FOR ARTIFICIAL INTELLIGENCE PROBLEM SOLVING. (PH.D. 1975 CARNEGIE-MELLON UNIVERSITY) 195p. 36/04-B, p. 1811 BLE75-21777

FENSEL, PHILLIP ALBERT
STABILITY AND PERFORMANCE OF SELF-ORGANIZING CONTROL SYSTEMS. (PH.D. 1973 PURDUE UNIVERSITY) 111p. 35/01-B, p. 232 BLE74-15155

FENTON, DAVID LEON
MATRIX COMPUTER ANALYSIS OF CURVILINEAR GRID SYSTEMS. (PH.D. 1967 UNIVERSITY OF MISSOURI - ROLLA) 173p. 28/07-B, p. 2831 BLE67-16739

FERGUSON, DONALD ELLIS
AN OPERATIONAL INPUT ANALYSIS MODEL TO FACILITATE THE IMPLEMENTATION OF THE PLANNING - PROGRAMMING - BUDGETING SYSTEM IN LOCAL SCHOOL DISTRICTS. (ED.D. 1973 DUKE UNIVERSITY) 161p. 34/02-A, p. 528 BLE73-19479

FERGUSON, FRANCES ALLEN
ADMINISTRATIVE DATA BASE FOR PLANT PLANNING AND UTILIZATION RELATED TO THE COGNITIVE GAIN OF HYPERACTIVE MALE STUDENTS IN OPEN-SPACE AND SELF-CONTAINED SELECTED TEXAS PUBLIC ELEMENTARY CLASSROOMS. (ED.D. 1975 UNIVERSITY OF HOUSTON) 111p. 36/05-A, p. 2531 BLE75-23931

FERGUSON, JOHN DAVID
OPTIMAL LINEAR CONTROL SYSTEMS WITH INCOMPLETE STATE MEASUREMENTS. (PH.D. 1969 NORTHWESTERN UNIVERSITY) 57p. 30/07-B, p. 3176 BLE70-00061

FERGUSON, MARIEL ELIZABETH
THE DECISION PROCESS OF COMPUTER SELECTION. (D.B.A. 1968 UNIVERSITY OF WASHINGTON) 144p. 29/07-A, p. 1993 BLE69-01169

FERGUSON, RAYMOND WILLIAM
ANALYTICAL TECHNIQUES FOR THE SOLUTION OF NONLINEAR POWER SYSTEM EQUATIONS AND THEIR APPLICATION TO ECONOMIC PROBLEMS. (PH.D. 1959 UNIVERSITY OF PITTSBURGH) 106p. 20/05, p. 1803 BLE59-04447

FERGUSON, RICHARD LEROY
THE DEVELOPMENT, IMPLEMENTATION, AND EVALUATION OF A COMPUTER-ASSISTED BRANCHED TEST FOR A PROGRAM OF INDIVIDUALLY PRESCRIBED INSTRUCTION. (PH.D. 1969 UNIVERSITY OF PITTSBURGH) 149p. 30/09-A, p. 3856 BLE70-04530

FERNANDES, KATHLEEN
AN INFORMATION PROCESSING MODEL FOR READING AND READING-LIKE TASKS. (PH.D. 1974 STANFORD UNIVERSITY) 150p. 35/09-A, p. 5922 BLE75-06846

FERNANDES, ROOSEVELT LUCIO ADOLF
SECOND ORDER STATE SPACE ANALYSIS OF CONTROL SYSTEMS. (PH.D. 1972 VANDERBILT UNIVERSITY) 195p. 33/05-B, p. 2074 BLE72-28099

FERNANDEZ-BUGLIONI, M. EDUARDO
ACTIVITY-TRANSFORMATIONS ON GRAPH MODELS OF PARALLEL COMPUTATION. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 193p. 33/10-B, p. 4758 BLE73-10419

FERRETTI, JAMES ALFRED
THE ANALYSIS OF THE NUCLEAR MAGNETIC RESONANCE SPECTRA OF FOUR-MEMBERED RING COMPOUNDS OF THE A(2)B(4) USING BOTH COMPUTER AND DOUBLE-IRRADIATION TECHNIQUES. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, BERKELEY) 133p. 26/12, p. 7060 BLE66-03584

FERRIS, C. CRAIG
A STUDY OF RADA (RANDOM ACCESS DISCRETE ADDRESS) COMMUNICATIONS SYSTEMS. (PH.D. 1965 THE UNIVERSITY OF MICHIGAN) 274p. 27/02-B, p. 473 BLE66-06604

FERTIK, HARRY ALAN
THE DESIGN OF NONLINEAR SYSTEMS FROM STATE DEPENDENT LINEAR MODELS. (PH.D. 1965 CASE WESTERN RESERVE UNIVERSITY) 261p. 27/05-B, p. 1451 BLE65-13779

FETTIG, PATRICIA JOANN
ANALYSIS OF A DOUBLE MUTANT MARKER SYSTEM TO ASSESS PERSISTENCE, DISPERSAL AND MODE OF APPLICATION OF BACILLUS THURINGIENSIS IN A FOREST ECOSYSTEM. (PH.D. 1976 THE OHIO STATE UNIVERSITY) 187p. 37/02-B, p. 615 BLE76-17982

FEUER, ALBERT
AN IMPLEMENTABLE MATHEMATICAL PROGRAMMING ALGORITHM FOR ADMISSIBLE-FUNDAMENTAL FUNCTIONS. (PH.D. 1974 COLUMBIA UNIVERSITY) 137p. 35/06-B, p. 2879 BLE74-28490

FEUGATE, ROBERT JAMES, JR.
COMPUTER ANALYSIS OF ACTIVE DEVICES FOR INTEGRATED THERMIONIC CIRCUITS. (PH.D. 1974 THE UNIVERSITY OF ARIZONA) 189p. 35/02-B, p. 821 BLE74-17188

FEY, THOMAS FREDERICK
A COMPARISON OF COMPUTER AND TEACHER PREPARED INDIVIDUALIZED READING PRESCRIPTIONS. (ED.D. 1975 THE UNIVERSITY OF FLORIDA) 127p. 36/08-A, p. 5222 BLE76-04231

FEYOCK, STEFAN
PROPERTIES OF INFERENCE RULES AND AUTOMATIC FORMULATION OF NEW RULES IN A FRIEDMAN-TYPE THEOREM-PROVING SYSTEM. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 128p. 32/08-B, p. 4529 BLE72-02005

FIDOTEN, ROBERT EARL
AN ORGANIZATIONAL ANALYSIS OF THE IMPACT OF COMPUTERS AND AUTOMATION ON THE MANAGEMENT OF ENGINEERING INDEX, INC., A CASE STUDY. (PH.D. 1971 UNIVERSITY OF PITTSBURGH) 593p. 32/11-B, p. 6505 BLE72-13429

FIEDLER, LEIGH ALLAN
A COMPARISON OF ACHIEVEMENT RESULTING FROM LEARNING MATHEMATICAL CONCEPTS BY COMPUTER PROGRAMMING VERSUS CLASS ASSIGNMENT APPROACH. (PH.D. 1969 THE UNIVERSITY OF OKLAHOMA) 149p. 29/11-A, p. 3910 BLE69-08595

FIELDING, WILLIAM THOMAS
A SYSTEMS ANALYSIS OF THE DEVELOPMENT OF THE DIVERSIFIED BANK HOLDING COMPANY. (PH.D. 1976 UNIVERSITY OF SOUTH CAROLINA) 196p. 37/04-A, p. 2284 BLE76-21899

FIENUP, JAMES RAY
IMPROVED SYNTHESIS AND COMPUTATIONAL METHODS FOR COMPUTER-GENERATED HOLOGRAMS. (PH.D. 1975 STANFORD UNIVERSITY) 213p. 36/05-B, p. 2323 BLE75-25523

FIFE, DENNIS WARREN
THE OPTIMAL CONTROL OF QUEUES, WITH APPLICATION TO COMPUTER SYSTEMS. (PH.D. 1965 THE UNIVERSITY OF MICHIGAN) 289p. 27/02-B, p. 474 BLE66-06605

FINCH, JOHN MELVIN
TEACHING-LEARNING UNITS IN PLAN: AN ANALYSIS OF THE UTILIZATION OF INSTRUCTIONAL MATERIALS TO INDIVIDUALIZE LEARNING BY COMPUTER-MANAGED INSTRUCTION. (PH.D. 1972 THE UNIVERSITY OF IOWA) 119p.
33/04-A, p. 1354 BLE72-26675

FINE, JOSEPH
CALCULATION OF ENERGIES OF TWO-ELECTRON SYSTEMS: APPLICATION OF SECOND-QUANTIZATION FORMALISM TO OBTAIN ATOMIC, POSITIVE AND NEGATIVE ION STATES. (PH.D. 1974 THE CATHOLIC UNIVERSITY OF AMERICA) 139p.
35/03-B, p. 1347 BLE74-19414

FINE, TA KUNG
OPTIMAL PLANNING AND DESIGN OF WATER DISTRUBUTION SYSTEMS. (PH.D. 1975 UNIVERSITY OF PITTSBURGH) 110p.
37/02-B, p. 916 BLE76-14131

FINK, JOHN WILLIAM
SOME PL/1 SUBROUTINES FOR NATURAL LANGUAGE ANALYSIS. (ED.D. 1973 BALL STATE UNIVERSITY) 176p. 34/05-A, p. 2595 BLE73-25509

FINKELMAN, JAY MATTHEW
A DUAL TASK EVALUATION OF A DEPENDENT LIMITED CHANNEL CAPACITY MODEL OF HUMAN INFORMATION PROCESSING. (PH.D. 1970 NEW YORK UNIVERSITY) 101p. 31/12-B, p. 7658 BLE71-15382

FINN, HAROLD MORRIS
EFFICIENT MULTIPLE STAGE DECISION PROCESSORS FOR RADAR SURVEILLANCE. (PH.D. 1965 UNIVERSITY OF PENNSYLVANIA) 205p.
26/09, p. 5335 BLE66-00261

FINNEGAN, EUGENE JOSEPH
APPLICATION OF SURFACE-RESPONSE METHODOLOGY TO PREDICTING THE OPTIMUM FORMULA FOR A MODEL SOFT-SERVE SYSTEM. (PH.D. 1964 UNIVERSITY OF GEORGIA) 109p.
25/10, p. 5465 BLE65-04469

FINNIE, WILLIAM CARROLL
TOWARDS A SYSTEMS ANALYSIS OF RACIAL INEQUALITY. (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 228p.
32/01-A, p. 566 BLE71-19221

FIRESTONE, ROGER MORRIS
PARALLEL PROGRAMMING: OPERATIONAL MODEL AND DETECTION OF PARALLELISM. (PH.D. 1971 NEW YORK UNIVERSITY) 53p.
32/10-B, p. 5733 BLE72-13351

FIREWORKER, ROBERT B.
A STATISTICAL COMPARISON OF INFORMATION PROCESSING PATTERNS IN COMPUTERIZED VISUAL PARADIGMS. (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 126p.
34/03-B, p. 1114 BLE73-19386

FIROUZTASH, HOSHANG
APPLICATIONS OF LINEAR SYSTEM THEORY TO TRANSPORTATION SYSTEM DESIGN. (PH.D. 1976 ARIZONA STATE UNIVERSITY) 161p.
37/03-B, p. 1365 BLE76-19818

FISANICK-ENGLOT, GEORGIA J.
TOPICS IN ROTATIONAL SCATTERING THEORY: I. DIMENSIONALITY CONTROL OF COUPLED EQUATIONS USING PARTITIONING TECHNIQUES. II. IMPACT PARAMETER METHODS IN THE EFFECTIVE HAMILTONIAN FORMALISM. (PH.D. 1975 PRINCETON UNIVERSITY) 296p. 36/07-B, p. 3406 BLE76-00247

FISCHER, CAROLYN ANN
TURNOVER RATE MEASUREMENTS OF 5-HYDROXYTRYPTAMINE AND THE COMPARTMENTATION OF SOME COMPONENTS OF THE SEROTONERGIC SYSTEMS IN DISCRETE BRAIN AREAS OF THE RAT. (PH.D. 1971 INDIANA UNIVERSITY) 251p. 32/10-B, p. 5606 BLE72-12955

FISCHLER, MARTIN ALVIN
INVESTIGATIONS CONCERNING THE THEORY AND SYNTHESIS OF LINEARLY SEPARABLE SWITCHING FUNCTIONS. (PH.D. 1962 STANFORD UNIVERSITY) 144p. 23/06, p. 2058 BLE62-05474

FISHER, DAVID ALLEN
CONTROL STRUCTURES FOR PROGRAMMING LANGUAGES. (PH.D. 1970 CARNEGIE-MELLON UNIVERSITY) 215p. 31/05-B, p. 2621 BLE70-21590

FISHER, MERRILL EDGAR
A COMPARATIVE STUDY OF ACHIEVEMENT IN THE CONCEPTS OF FUNDAMENTALS OF GEOMETRY TAUGHT BY COMPUTER MANAGED INDIVIDUALIZED BEHAVIORAL OBJECTIVE INSTRUCTIONAL UNITS VERSUS LECTURE-DEMONSTRATION METHODS OF INSTRUCTION. (ED.D. 1973 THE GEORGE WASHINGTON UNIVERSITY) 176p.
34/05-A, p. 2161 BLE73-25330

FISHER, PAUL STANLEY
THE PROGRAMMING LANGUAGE ICE AND ITS APPLICATION TO AUTOMATA AND RECURSIVE ALGORITHMS. (PH.D. 1969 ARIZONA STATE UNIVERSITY) 182p. 30/09-B, p. 4252 BLE70-04885

FISHER, ROLLAND ROY
SYSTEM SIMULATION OUTPUT ANALYSIS BY AUTOREGRESSIVE-INTEGRATED MOVING AVERAGE MODELS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 224p.
33/10-B, p. 4817 BLE73-09930

FISHER, WILLIAM BRADFORD
SUBSTANTIVE AND PROCESS ISSUES INVOLVED IN THE PLANNING PHASE OF INTRODUCING A PLANNING, PROGRAMMING, BUDGETING SYSTEM INTO A HIGH SCHOOL DISTRICT. (ED.D. 1974 HARVARD UNIVERSITY) 54p.
35/08-A, p. 5213 BLE75-04927

FISHMAN, DANIEL HERBERT
EXPERIMENTS WITH A RESOLUTION-BASED DEDUCTIVE QUESTION-ANSWERING SYSTEM AND A PROPOSED CLAUSE REPRESENTATION FOR PARALLEL SEARCH. (PH.D. 1973 UNIVERSITY OF MARYLAND) 233p. 35/01-B, p. 177 BLE74-16863

FITTS, JOHN MURRAY
ON THE GLOBAL OBSERVABILITY OF NONLINEAR SYSTEMS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 193p.
32/01-B, p. 200 BLE71-16314

FITZGERALD, BILLY J.
AN ANALYSIS OF COMPUTER-ASSISTED INSTRUCTION IN THE READING PROGRAM AT CARL HAYDEN HIGH SCHOOL. (ED.D. 1974 ARIZONA STATE UNIVERSITY) 71p. 35/07-A, p. 4069 BLE74-20129

FITZGERALD, KENNETH E.
ERROR ESTIMATES FOR THE SOLUTION OF LINEAR ALGEBRAIC SYSTEMS. (PH.D. 1970 THE CATHOLIC UNIVERSITY OF AMERICA) 112p.
31/05-B, p. 2818 BLE70-21852

FITZPATRICK, BEN, JR.
OPERATOR MATRICES AND SYSTEMS OF LINEAR PARTIAL DIFFERENTIAL EQUATIONS. (PH.D. 1958 THE UNIVERSITY OF TEXAS AT AUSTIN) 46p.
19/05, p. 1086 BLE58-03968

FITZPATRICK, THOMAS JAMES
A STUDY OF NONINTERACTING CONTROL FOR SAMPLED DATA SYSTEMS. (PH.D. 1967 TULANE UNIVERSITY) 128p. 28/10-B, p. 4110 BLE68-04036

FIXEL, ARTHUR R.
COMPUTER TIME-SHARING IN EDUCATIONAL ADMINISTRATION: AN ELECTRONIC PACKAGE FOR FLORIDA SCHOOL DISTRICTS. (PH.D. 1972 THE FLORIDA STATE UNIVERSITY) 105p.
33/02-A, p. 522 BLE72-21312

FLAKE, JANICE LOUISE
THE USE OF INTERACTIVE COMPUTER SIMULATIONS FOR SENSITIZING MATHEMATICS METHODS STUDENTS TO QUESTIONING BEHAVIORS. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 140p.
34/12-A, p. 7623 BLE74-12015

FLAKE, ROBERT HENRY
VOLTERRA SERIES REPRESENTATION OF NONLINEAR SYSTEMS. (SC.D. 1962 WASHINGTON UNIVERSITY) 91p. 24/02, p. 658 BLE63-04872

FLANGO, VICTOR EUGENE
ATTITUDES, INTERACTION AND DECISIONS: A COMPUTER SIMULATION OF DECISION-MAKING IN THE WISCONSIN SUPREME COURT 1954-1956. (PH.D. 1970 UNIVERSITY OF HAWAII) 185p.
32/02-A, p. 1033 BLE71-21580

FLAX, STEPHEN WAYNE
A COMPUTER MODEL OF THE PERFUSION DYNAMIC BEHAVIOR OF THE KIDNEY DURING PRESERVATION. (PH.D. 1975 THE UNIVERSITY OF WISCONSIN - MADISON) 144p. 36/08-B, p. 4096 BLE76-20783

FLECK, ROBERT AYDELOTTE, JR.
AN AGGREGATE COMPUTER SIMULATION MODEL OF MEDIA SELECTION. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 79p.
32/10-A, p. 5411 BLE72-12158

FLEMING, ALAN WAYNE
USE OF THE PROPERTIES OF FREQUENCY SYMMETRY AND COMPLEX SYMMETRY IN THE CONTROL OF LINEAR DYNAMICAL SYSTEMS. (PH.D. 1966 STANFORD UNIVERSITY) 148p.
27/07-B, p. 2380 BLE66-14661

FLETCHER, DAVID LOUIS
COMPUTER TECHNIQUES FOR THE DETERMINATION OF TRANSFER FUNCTIONS. (PH.D. 1968 UNIVERSITY OF PENNSYLVANIA) 106p.
29/07-B, p. 2432 BLE69-00096

FLEXMAN, JERRY EUGENE
RESPIRATION AS A SOURCE OF INTRASUBJECT VARIATION IN SIMPLE INFORMATION PROCESSING TASKS. (PH.D. 1974 TEXAS CHRISTIAN UNIVERSITY) 95p. 35/05-B, p. 2461 BLE74-25572

FLINN, WILLIAM EAYRE, JR.
A SYSTEMS ANALYSIS OF AIR FORCE ROTC CURRICULUM. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 224p. 32/04-A, p. 1837 BLE71-27469

FLORIO, DAVID HALSTEAD
ORGANIZATIONAL COOPERATION FOR EDUCATIONAL DEVELOPMENT: AN INQUIRY INTO THE PERCEIVED NEEDS SHARED AMONG A NUMBER OF SCHOOL SYSTEMS AND TWO PROFESSIONAL EDUCATION SCHOOLS FOR THE PURPOSE OF DETERMINING THE FEASIBILITY OF FORMING AN INTERORGANIZATIONAL NETWORK FOR COLLABORATIVE PROBLEM-SOLVING, RESOURCE SHARING, DISSEMINATION AND USE OF INFORMATION. (PH.D. 1973 NORTHWESTERN UNIVERSITY) 270p. 34/06-A, p. 2958 BLE73-30887

FLOWERS, DAVID CARL
DESIGN TECHNIQUES FOR A CLASS OF MULTIRATE SAMPLED DATA CONTROL SYSTEMS. (PH.D. 1972 GEORGIA INSTITUTE OF TECHNOLOGY) 87p.
33/04-B, p. 1548 BLE72-26307

FLOWERS, MARY LYNNE
SENTENCE STRUCTURE AND CHARACTERIZATION IN THE TRAGEDIES OF JEAN RACINE: A COMPUTER-ASSISTED STUDY. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 303p. 34/08-A, p. 5166 BLE74-03166

FLOYD, ROBERT HUFFMAN
DOMESTIC TAX SYSTEMS AND THE PROVISIONS OF THE GENERAL AGREEMENT ON TARIFFS AND TRADE: A THEORETICAL ANALYSIS OF THEIR IMPLICATIONS FOR ECONOMIC EFFICIENCY. (PH.D. 1971 RICE UNIVERSITY) 214p. 32/04-A, p. 1728 BLE71-26264

FLYGARE, THOMAS JOHN
IDENTIFICATION OF POTENTIAL AREAS OF CONFLICT BETWEEN ACADEMIC FREEDOM AND THE IMPLEMENTATION OF PLANNING - PROGRAMMING - BUDGETING SYSTEMS (PPBS) IN HIGHER EDUCATION. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 212p. 32/02-A, p. 893 BLE71-16867

FLYNN, MICHAEL JOSEPH
A COMPUTER-SIMULATED MODEL OF THE ACADEMIC PERFORMANCE OF JUNIOR COLLEGE REMEDIAL STUDENTS. (ED.D. 1974 BOSTON UNIVERSITY SCHOOL OF EDUCATION) 124p.
35/03-A, p. 1378 BLE74-20430

FLYNN, ROBERT JAMES
DYNAMIC COMPLEXITY OF NETWORKS. (PH.D. 1973 POLYTECHNIC INSTITUTE OF NEW YORK) 93p.
34/04-B, p. 1631 BLE73-24761

FOERSTER, RONALD ERNEST
STUDIES OF LINEAR AND NONLINEAR DYNAMICAL SYSTEMS WITH AND WITHOUT TIME DELAY IN THE CONTROL. (PH.D. 1970 STANFORD UNIVERSITY) 204p. 31/05-B, p. 2677 BLE70-22167

FOGARTY, DONALD WILLIAM
IMPACT OF A DIGITAL COMPUTER ON A CORONARY CARE SYSTEM. (PH.D. 1970 SAINT LOUIS UNIVERSITY) 243p. 32/02-B, p. 1034 BLE71-21388

FOLEY, GARY JOSEPH
ANALYSIS AND DESIGN OF INPUT PERTURBATION EXTREMUM SEEKING SYSTEMS. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 277p.
29/12-B, p. 4635 BLE69-15978

FOLEY, JAMES DAVID
OPTIMUM DESIGN OF COMPUTER DRIVEN DISPLAY SYSTEMS. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 274p. 30/05-B, p. 2171 BLE69-18002

FOLEY, WILLIAM WEBSTER
A VALIDATION STUDY OF A COMPUTER SIMULATION MODEL FOR AN INDIVIDUALIZED CURRICULUM. (ED.D. 1971 UNIVERSITY OF MASSACHUSETTS) 131p. 32/04-A, p. 1781 BLE71-25298

FOLK, MICHAEL JAMES
INFLUENCES OF DEVELOPMENTAL LEVEL ON A CHILD'S ABILITY TO LEARN CONCEPTS OF COMPUTER PROGRAMMING. (PH.D. 1972 SYRACUSE UNIVERSITY) 368p. 34/03-A, p. 1125 BLE73-19806

FOND, SIMSON CHING-SHENG
OPTIMIZATION OF DISTRIBUTED PARAMETER SYSTEMS BY DYNAMIC PROGRAMMING. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 101p.
37/01-B, p. 430 BLE76-15177

FONG, THOMAS SHU
METHOD OF CONJUGATE GRADIENTS FOR OPTIMAL CONTROL PROBLEMS WITH STATE VARIABLE CONSTRAINT. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 99p.
29/11-B, p. 4170 BLE69-08097

FONTENOT, MICHAEL LEON
ANALYTIC APPROXIMATION OF GALERKIN'S PROCEDURE FOR COMPUTING FORCED OSCILLATIONS OF NONLINEAR SYSTEMS. (PH.D. 1970 RICE UNIVERSITY) 102p.
31/06-B, p. 3541 BLE70-23506

FOO, NORMAN YEOW-KHEAN
HOMOMORPHIC SIMPLIFICATION OF SYSTEMS. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 132p.
35/07-B, p. 3278 BLE75-00688

FOOTE, AUSTIN LEE
TRUNCATED POWER-SERIES CONTROL REPRESENTATIONS FOR OPTIMIZATION OF DYNAMIC SYSTEMS. (PH.D. 1972 AIR FORCE INSTITUTE OF TECHNOLOGY) 161p.
33/07-B, p. 3075 BLE72-33066

FOOTE, PAUL JEROME
A COMPARATIVE FINANCIAL ANALYSIS OF THE DEMOPOLIS CITY SCHOOL SYSTEM FOR THE PERIOD 1959-1960 THROUGH 1967-1968. (ED.D. 1970 THE UNIVERSITY OF ALABAMA) 137p.
31/10-A, p. 5069 BLE71-09067

FORBES, DELROY JEFTAH
NUMERICAL ANALYSIS OF ELASTIC PLATES AND SHALLOW SHELLS BY AN INTEGRAL EQUATION METHOD. (PH.D. 1969 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 244p.
31/02-B, p. 664 BLE70-13310

FORD, DAVID LEON, JR.
THE IMPACT OF HIERARCHY AND GROUP-STRUCTURE ON INFORMATION-PROCESSING IN DECISION-MAKING. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 339p.
34/01-B, p. 230 BLE73-09269

FORD, GARY THOMAS
PATTERNS OF COMPETITION WITHIN THE COMPUTER INDUSTRY: A CLUSTER ANALYTIC APPROACH. (PH.D. 1973 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 303p. 34/06-A, p. 2821 BLE73-29088

FORD, WAYNE TIMOTHY
MATHEMATICAL PROGRAMMING AND INTEGRO-DIFFERENTIAL EQUATIONS. (PH.D. 1964 RICE UNIVERSITY) 55p. 25/03, p. 1941 BLE64-10167

FOREHAND, JIMMIE CHARLES RHEA
A HIGH LEVEL LANGUAGE IMPLEMENTATION OF THE COMMON FEATURES OF DATA BASE DEFINITIONS. (PH.D. 1975 TEXAS A&M UNIVERSITY) 122p.
36/12-B, p. 6269 BLE76-12666

FOREMAN, DALE IRWIN
A BAYESIAN ANALYSIS APPLIED TO TREATMENT SELECTION FOR HIGH SCHOOL MATHEMATICS EDUCATION: INCLUDING COMPUTER SOFTWARE. (PH.D. 1971 UNIVERSITY OF MINNESOTA) 262p.
32/06-A, p. 2546 BLE71-28236

FORK, DONALD JOSEPH
COLOR CODING OF BOOK FORMAT AND INFORMATION RETRIEVAL. (PH.D. 1974 UNIVERSITY OF PITTSBURGH) 123p.
35/09-A, p. 6171 BLE75-05125

FORMAN, ELLA QUITT
PRIMARY TEACHER ATTITUDES TOWARD COST-EFFECTIVENESS ANALYSIS: A COMPARATIVE INVESTIGATION UTILIZING FORCE FIELD ANALYSIS AND THE SYSTEMS APPROACH. (ED.D. 1971 ARIZONA STATE UNIVERSITY) 213p.
32/03-A, p. 1220 BLE71-20084

FORMAN, ERNEST H.
STATISTICAL MODELS AND METHODS FOR MEASURING SOFTWARE RELIABILITY. (SC.D. 1975 THE GEORGE WASHINGTON UNIVERSITY) 118p.
36/01-B, p. 314 BLE75-14331

FORMAN, ROBERT EDWIN
TECHNIQUES OF COMPUTER SIMULATION FOR CLASSICAL AND QUANTUM RATE PROCESSES IN SOLIDS. (PH.D. 1973 BROWN UNIVERSITY) 160p.
34/09-B, p. 4397 BLE74-03015

FORSBERG, EDWIN
A DATA BASE DESIGN FOR A SECONDARY SCHOOL GUIDANCE INFORMATION SUPPORT SYSTEM. (ED.D. 1970 OKLAHOMA STATE UNIVERSITY) 155p.
31/10-A, p. 5032 BLE71-11148

FORST, LELAND IRWIN
AN ANALYSIS OF THE FOLLOW-UP SYSTEM IN THE CONCENTRATED EMPLOYMENT PROGRAM IN SPRINGFIELD, MASSACHUSETTS. (PH.D. 1973 UNIVERSITY OF MASSACHUSETTS) 259p.
34/10-A, p. 6181 BLE74-08573

FORT, EMIL MICHAEL
OPTIMAL CONTROL OF A SYSTEM WITH DISTRIBUTED PARAMETERS. (PH.D. 1967 UNIVERSITY OF PITTSBURGH) 155p.
28/10-B, p. 4111 BLE68-04394

FORTGANG, STEPHEN JAY
AN EXAMINATION OF THE ASSUMPTIONS OF THE FLANDERS SYSTEM OF INTERACTION ANALYSIS FROM THE PERSPECTIVE OF SYMBOLIC INTERACTION THEORY. (PH.D. 1972 SYRACUSE UNIVERSITY) 209p.
34/03-A, p. 1175 BLE73-19807

FOSBERG, MARY DEE HARRIS
COMPUTER COLLATION OF MANUSCRIPT POETRY: DYLAN THOMAS' "POEM ON HIS BIRTHDAY." (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 196p.
36/10-A, p. 6700 BLE76-08030

FOSSUM, JERRY GEORGE
SYSTEMATIC COMPUTER-AIDED THREE-DIMENSIONAL MODELING OF INTEGRATED BIPOLAR DEVICES. (PH.D. 1971 THE UNIVERSITY OF ARIZONA) 200p. 32/07-B, p. 3942 BLE72-02169

FOSTER, ALAN MALCOLM
A DESIGN PROCEDURE FOR A CLASS OF DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1970 CASE WESTERN RESERVE UNIVERSITY) 220p. 31/06-B, p. 3336 BLE70-25664

FOSTER, TERRELL VAN
FILE ASSIGNMENT IN MEMORY HIERARCHIES. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 141p. 36/05-B, p. 2350 BLE75-24667

FOSTER, ROBERT DEAN
THE NON-INTERACTING CONTROL OF LINEAR MULTIVARIABLE SYSTEMS. (PH.D. 1965 NORTHWESTERN UNIVERSITY) 236p. 26/06, p. 3186 BLE65-12062

FOSTER, THOMAS EDWARD
THE EFFECT OF COMPUTER PROGRAMMING EXPERIENCES ON STUDENT PROBLEM-SOLVING BEHAVIORS IN EIGHTH-GRADE MATHEMATICS. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 417p. 33/08-A, p. 4239 BLE72-31627

FOUDRIAT, EDWIN CLEMENT
ANALYSIS OF THE DESIGN PROCEDURES AND PERFORMANCE PREDICTIONS FOR PARAMETER IDENTIFICATION SYSTEMS WHICH USE REGRESSION TECHNIQUES. (PH.D. 1966 THE OHIO STATE UNIVERSITY) 143p. 27/09-B, p. 3102 BLE67-02443

FOURNIER, CHARLES DENIS
APPROXIMATE METHODS FOR THE OPTIMAL CONTROL OF NONLINEAR SYSTEMS. (PH.D. 1970 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 254p. 31/09-B, p. 5336 BLE71-06666

FOXWORTH, JAMES BARBER
THE IMPACT OF ELECTRONIC COMPUTERS ON MANAGEMENT PROCESSES: CASE STUDIES IN THREE LEADING COMPANIES. (PH.D. 1959 COLUMBIA UNIVERSITY) 310p. 20/04, p. 1212 BLE59-04066

FOY, JOHN LYNCH, JR.
A COMPUTER SIMULATION OF IMPULSE CONDUCTION IN CARDIAC MUSCLE. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 278p. 35/11-B, p. 5248 BLE75-10171

FOY, WADE HAMPTON, JR.
RANDOM PARAMETERS IN LINEAR SYSTEMS. (D.ENG. 1961 THE JOHNS HOPKINS UNIVERSITY) 130p. 22/11, p. 3967 BLE62-02029

FRAKER, JOHN RICHARD
APPROXIMATE TECHNIQUES FOR THE ANALYSIS OF TANDEM QUEUEING SYSTEMS. (PH.D. 1971 CLEMSON UNIVERSITY) 139p. 32/07-B, p. 3955 BLE72-06032

FRANASZEK, PETER ANTHONY
ON SAMPLED DATA AND TIME VARYING SYSTEMS. (PH.D. 1966 PRINCETON UNIVERSITY) 85p. 27/02-B, p. 474 BLE66-07159

FRANCIS, AZALIA SMITH
THE DEVELOPMENT AND PRELIMINARY FIELD TESTING OF A MULTISENSORY LANGUAGE DEVELOPMENT PROGRAM FOR KINDERGARTEN, FIRST GRADE AND FOURTH GRADE. (ED.D. 1970 GEORGE PEABODY COLLEGE FOR TEACHERS) 346p. 31/06-A, p. 2789 BLE70-23330

FRANCIS, LARRY DOUGLAS
AN INVESTIGATION OF MISTEACHING USING COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 78p. 34/09-A, p. 5744 BLE74-06570

FRANCIS, WILBUR LEON
APPLICATION OF MODERN CONTROL THEORY TO THE ANALYTIC DESIGN OF LINEAR ENGINEERING SYSTEMS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, IRVINE) 195p. 32/11-B, p. 6398 BLE72-14656

FRANCO, SERGIO
HARDWARE DESIGN OF A REAL-TIME MUSICAL SYSTEM. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 101p. 35/11-B, p. 5378 BLE75-11632

FRANK, DANIEL EDWARD
STABILITIES OF NONLINEAR TIME-VARYING FEEDBACK SYSTEMS VIA AN INTEGRAL INEQUALITY. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 91p. 32/04-B, p. 2160 BLE71-26006

FRANK, RUDOLPH JOSEPH
A FEASIBILITY STUDY ON THE USE OF ARITHMETIC-MEMORY REGISTERS IN THE DESIGN OF DIGITAL COMPUTER SYSTEMS. (PH.D. 1972 OREGON STATE UNIVERSITY) 96p. 32/08-B, p. 4586 BLE72-07693

FRANKE, ERNEST AUGUST
AUTOMATED FUNCTIONAL DESIGN OF DIGITAL SYSTEMS. (PH.D. 1967 CASE WESTERN RESERVE UNIVERSITY) 166p. 29/01-B, p. 161 BLE68-10186

FRANKLIN, MARK ALLEN
A HYBRID COMPUTER PROGRAMMING SYSTEM (PH.D. 1970 CARNEGIE-MELLON UNIVERSITY) 209p. 31/06-B, p. 3392 BLE70-21591

FRANKS, JEFFERY JOHN
VISUAL PATTERN RECOGNITION: THE ACQUISITION AND USE OF ARBITRARY RELATIONAL SYSTEMS. (PH.D. 1970 UNIVERSITY OF MINNESOTA) 62p. 31/09-B, p. 5659 BLE71-08149

FRANTA, WILLIAM ROY
A FLOW ORIENTED COMPUTER SYSTEM SIMULATION LANGUAGE WITH APPLICATIONS. (PH.D. 1970 UNIVERSITY OF MINNESOTA) 100p. 32/01-B, p. 229 BLE71-18851

FRANTZ, NEVIN RICHARDS, JR.
THE IDENTIFICATION OF OCCUPATIONAL COMPETENCIES FOR A CLUSTER CONCEPT PROGRAM IN GRAPHIC ARTS THROUGH THE APPLICATION OF A SYSTEM ANALYSIS APPROACH. (ED.D. 1967 UNIVERSITY OF MARYLAND) 466p. 28/11-A, p. 4526 BLE68-07020

FRASER, EDWARD CLEVELAND
SELF-STABILIZING ADAPTIVE CONTROL SYSTEMS. (PH.D. 1965 STANFORD UNIVERSITY) 166p. 26/03, p. 1552 BLE65-09436

FRAYMAN, MORRIS
QUADRATIC DIFFERENTIAL SYSTEMS: A STUDY IN NONLINEAR SYSTEMS THEORY. (PH.D. 1974 UNIVERSITY OF MARYLAND) 202p. 35/04-B, p. 1662 BLE74-22226

FRAZER, WILLIAM DONALD
A SWITCHING THEORY FOR BILATERAL NETS OF THRESHOLD ELEMENTS. (PH.D. 1963 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 76p. 24/12, p. 5293 BLE64-06059

FRAZIER, OLIN ROBERT
THE PROGRAMMING FUNCTION IN SPECIFIED ELECTRONIC DATA PROCESSING INSTALLATIONS. (ED.D. 1971 INDIANA UNIVERSITY) 390p. 32/01-A, p. 16 BLE71-17679

FRAZIER, WILLIAM MCCLUNG
A DEMONSTRATION OF A COMPUTER TECHNIQUE FOR INVESTIGATING ARABIC MORPHOLOGY. (VOLUMES I AND II). (PH.D. 1976 THE UNIVERSITY OF MICHIGAN) 360p. 37/02-A, p. 942 BLE76-19137

FREDERICK, DEAN KIMBALL
PIECEWISE-LINEAR SWITCHING FUNCTIONS FOR QUASI-MINIMUM-TIME CONTACTOR CONTROL SYSTEMS. (PH.D. 1964 STANFORD UNIVERSITY) 115p. 25/03, p. 1814 BLE64-09823

FREDERICK, TERRY JOE
ANALYSIS FOR AN EFFECTIVE OPERATION OF A GENERAL AUTOMATON: RECURSIVE METHODS APPLIED TO A GRAPH MODEL. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 89p. 31/02-B, p. 629 BLE70-03534

FREDERICKS, ALBERT A.
ITERATIVE METHODS FOR MINIMIZING FUNCTIONALS ON A HILBERT SPACE WITH APPLICATION TO OPTIMAL CONTROL PROBLEMS. (PH.D. 1970 NEW YORK UNIVERSITY) 209p. 31/12-B, p. 7423 BLE71-15385

FREDERICKSON, ALMA ANTON, JR.
CONTACTOR CONTROL OF HIGHER ORDER SYSTEMS WHOSE TRANSFER FUNCTIONS CONTAIN ZEROS. (PH.D. 1959 STANFORD UNIVERSITY) 158p. 20/08, p. 3244 BLE59-06689

FREDRICKS, RONALD JOSEPH
SPACE VARIANT FILTERING IN COHERENT OPTICAL DATA PROCESSORS. (PH.D. 1970 THE UNIVERSITY OF MICHIGAN) 185p. 31/08-B, p. 4683 BLE71-04606

FREEDMAN, WILLIAM
SYSTEMS ANALYSIS OF THE MYOTATIC REFLEX IN NORMAL, HEMIPLEGIC AND PARAPLEGIC MAN. (PH.D. 1971 DREXEL UNIVERSITY) 164p. 32/04-B, p. 2124 BLE71-25647

FREEH, EDWARD JAMES
COMPUTER-ASSISTED ANALYSIS OF REACTION KINETIC DATA FOR LIQUID-PHASE HYDROGENATION. (PH.D. 1958 THE OHIO STATE UNIVERSITY) 177p. 19/12, p. 3258 BLE59-01577

FREEMAN, HERBERT
THE SYNTHESIS OF MULTIPOLE CONTROL SYSTEMS. (ENG.SC.D. 1956 COLUMBIA UNIVERSITY) 100p. 16/08, p. 1422 BLE00-17053

FREEMAN, PETER ANTHONY
SOURCEBOOK FOR OSD - AN OPERATING SYSTEM DESIGNER. (PH.D. 1969 CARNEGIE-MELLON UNIVERSITY) 194p. 30/06-B, p. 2646 BLE69-20306

FREIBURGER, JAMES JOSEPH
A FUNCTIONAL SYSTEMS ANALYSIS OF THE POLICY MAKING ROLE OF A SCHOOL BOARD IN RESPONSE TO DEMANDS MADE BY ASSOCIATIONAL GROUPS, NON-ASSOCIATIONAL GROUPS, AND INDIVIDUALS. (PH.D. 1976 THE UNIVERSITY OF CONNECTICUT) 180p. 36/10-A, p. 6394 BLE76-07161

FREIRE, FIRMO
ADAPTIVE MODELS OF STUDENT INTERACTIONS WITH A COMPUTER-BASED INSTRUCTIONAL SYSTEM. (PH.D. 1973 UNIVERSITY OF HOUSTON) 212p. 34/11-B, p. 5415 BLE74-11620

FRENCH, LARRY JACK
A PARTITIONED-DATA STRUCTURE SYSTEM. (PH.D. 1971 COLUMBIA UNIVERSITY) 185p. 34/12-B, p. 5941 BLE74-12714

FRERICHS, RALPH RUDOLF
DEVELOPMENT OF A COMPUTER SIMULATION MODEL FOR THE CONTROL OF URBAN RABIES. (DR. P.H. 1973 TULANE UNIVERSITY) 273p. 34/06-B, p. 2751 BLE73-29678

FREY, HARVEY STUART
AN INTERACTIVE COMPUTER PROGRAM FOR CHROMOSOME ANALYSIS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 33p. 29/09-B, p. 3209 BLE69-03936

FRIEDMAN, FRANK LAWRENCE
DECOMPILATION AND THE TRANSFER OF MINI-COMPUTER OPERATING SYSTEMS. (PH.D. 1974 PURDUE UNIVERSITY) 328p. 35/11-B, p. 5378 BLE75-10676

FRIEDMAN, LUCILLE T.
PROGRAMMED LESSONS IN RPG COMPUTER PROGRAMMING FOR NEW YORK CITY HIGH SCHOOL SENIORS. (VOLUMES I AND II). (ED.D. 1974 NEW YORK UNIVERSITY) 525p. 35/02-A, p. 799 BLE74-17169

FRIEDMANN, JEHOSUA
STUDIES IN PATTERN RECOGNITION OF LINE-SIZE, LINE-ORIENTATION AND THEIR INTERACTION. (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 254p. 34/06-B, p. 2557 BLE73-28649

FRIEDRICH, DOUGLAS DUANE
DEVELOPMENTAL ANALYSIS OF SHORT-TERM MEMORY CAPACITY AND INFORMATION ENCODING STRATEGY. (PH.D. 1971 IOWA STATE UNIVERSITY) 166p. 32/02-B, p. 1189 BLE71-21943

FRIEL, JOHN A.
A METHODOLOGY FOR THE ANALYSIS OF THE INTERDICTION OF A PRIMITIVE LOGISTIC SYSTEM. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 299p. 32/07-B, p. 3955 BLE72-04492

FRIEND, KENNETH EDWIN
AN INFORMATION PROCESSING APPROACH TO SMALL GROUP INTERACTION IN A COALITION FORMATION GAME. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 143p. 34/08-A, p. 5309 BLE74-04717

FRIEZE, IRENE LOUISE HANSON
STUDIES ON INFORMATION PROCESSING AND THE ATTRIBUTIONAL PROCESS IN ACHIEVEMENT-RELATED CONTEXTS. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 237p. 33/12-B, p. 6105 BLE73-13136

FRISBIE, MARY ADELE
EMERGING ELECTRONIC DATA PROCESSING AND ITS RELATION TO OFFICE EMPLOYMENT AND COSTS, 1930-1957: AND IMPLICATIONS FOR BUSINESS TRAINING. (VOLUMES I AND II). (PH.D. 1961 NEW YORK UNIVERSITY) 640p. 22/04, p. 1051 BLE61-02649

FRITZ, ROGER LEE
SIMULATING ANALOG COMPUTATIONS USING DIGITAL COMPUTER TECHNIQUES. (PH.D. 1964 THE PENNSYLVANIA STATE UNIVERSITY) 155p. 25/08, p. 4610 BLE64-13390

FROIMOWITZ, MARK
COMPUTER SIMULATION AND CONFORMATIONAL THERMODYNAMICS OF THE ACETYLCHOLINE MOLECULE. (PH.D. 1972 NEW YORK UNIVERSITY) 99p. 33/11-B, p. 5225 BLE73-11699

FROISY, JAMES BRIAN
A COMBINED CORRELATION FUNCTION-LINEAR REGRESSION APPROACH TO SYSTEM IDENTIFICATION. (PH.D. 1971 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 176p. 32/12-B, p. 7005 BLE72-17762

FROMM, NORMAN CARL, JR.
THE OPTIMIZATION OF LINEAR STOCHASTIC SYSTEMS. (PH.D. 1969 THE UNIVERSITY OF IOWA) 133p. 30/02-B, p. 646 BLE69-13147

FROST, DONA FAY
THE RELATIONSHIP OF SECRETARIAL SUCCESS IN SELECTED AUTOMATED OFFICES IN THE ST. LOUIS AREA TO AN UNDERSTANDING OF DATA PROCESSING TERMINOLOGY. (ED.D. 1967 THE UNIVERSITY OF NORTH DAKOTA) 270p. 28/11-A, p. 4526 BLE68-06786

FROST, PAUL ARTHUR
NONLINEAR ESTIMATION IN CONTINUOUS TIME SYSTEMS. (PH.D. 1968 STANFORD UNIVERSITY) 172p. 29/07-B, p. 2433 BLE69-00221

FRUECHTE, ROGER DEAN
A DESIGN AND SYNTHESIS METHOD FOR DECOUPLING A CLASS OF TIME-VARYING MULTIVARIABLE CONTROL SYSTEMS. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 282p. 30/04-B, p. 1681 BLE69-12367

FRY, KAREN LOUISE
A COMPUTER-BASED SIMULATION FOR PHYSICAL EDUCATION CURRICULUM PLANNING. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 154p. 35/09-A, p. 5901 BLE74-26492

FRYE, CHARLES HERMAN
TEACHING STATISTICAL INFERENCE BY COMPUTER: PROBLEM SIMULATION FOR HYPOTHESIS TESTING AND EVALUATION. (PH.D. 1967 MICHIGAN STATE UNIVERSITY) 214p. 28/05-A, p. 1731 BLE67-14603

FRYE, MARIANNE ELIZABETH
A COMPARATIVE ANALYSIS OF THE EFFECT OF A MULTI-MEDIA INSTRUCTIONAL SYSTEMS APPROACH WITH A TRADITIONAL TEACHER-DIRECTED GROUP APPROACH IN COLLEGIATE INTERMEDIATE TYPEWRITING. (PH.D. 1972 THE UNIVERSITY OF NORTH DAKOTA) 140p. 33/09-A, p. 5033 BLE73-05960

FU, BENEDICT SHANG-JEO
TRACER ANALYSIS OF RECIRCULATING SYSTEMS. (PH.D. 1970 ILLINOIS INSTITUTE OF TECHNOLOGY) 148p. 31/02-B, p. 649 BLE70-14930

FU, CHIEN-HUNG LIANG
MINIMUM TIME AND MODAL CONTROL WITH APPLICATIONS TO OBSERVER DESIGN FOR MULTIPLE-INPUT LINEAR TIME-INVARIANT SYSTEMS. (PH.D. 1976 THE UNIVERSITY OF TOLEDO) 103p. 37/05-B, p. 2465 BLE76-24920

FUHRER, SAMUEL
A COMPARISON OF A COMPUTER-ASSISTED TESTING PROCEDURE AND STANDARDIZED TESTING AS PREDICTORS OF SUCCESS IN COMMUNITY COLLEGE TECHNICAL MATHEMATICS. (PH.D. 1973 NEW YORK UNIVERSITY) 114p. 34/06-A, p. 3086 BLE73-30066

FUJITA, SEIICHI
SOME NONINTERACTION PROPERTIES OF LINEAR MULTIVARIABLE CONTROL SYSTEMS. (PH.D. 1973 GEORGIA INSTITUTE OF TECHNOLOGY) 129p. 34/04-B, p. 1561 BLE73-22949

FUKUI, YASUHIRO
A STUDY OF THE HUMAN CARDIOVASCULAR - RESPIRATORY SYSTEM USING HYBRID COMPUTER-MODELING. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 201p. 34/01-B, p. 190 BLE73-09271

FULLER, JACK ALLEN
AN INVESTIGATION OF MATHEMATICAL PROGRAMMING AND HEURISTIC METHODS FOR AGGREGATE PRODUCTION PLANNING. (PH.D. 1973 UNIVERSITY OF ARKANSAS) 362p. 34/06-A, p. 2822 BLE73-27467

FULSCHER, GARY VINCENT
THE PHILOSOPHY, DESIGN, AND DEVELOPMENT OF SIMUFORT: A SIMULATION SYSTEM FOR USE IN A TEACHING AND RESEARCH ENVIRONMENT. (PH.D. 1975 STANFORD UNIVERSITY) 313p. 35/12-B, p. 5844 BLE75-13526

FULTZ, GARY LEE
ADAPTIVE ROUTING TECHNIQUES FOR MESSAGE SWITCHING COMPUTER-COMMUNICATION NETWORKS. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 437p. 33/04-B, p. 1497 BLE72-25768

FUNG, KWOK TUNG
ON THE ANALYSIS AND DESIGN OF MULTIPLE-MICROPROCESSOR SYSTEMS FOR CONTROL PROCESSES. (PH.D. 1975 CORNELL UNIVERSITY) 204p. 36/09-B, p. 4624 BLE76-05940

FUNG, LAI-WO
SYNTACTIC DECODING FOR COMPUTER COMMUNICATION AND PATTERN RECOGNITION. (PH.D. 1974 PURDUE UNIVERSITY) 107p. 36/02-B, p. 845 BLE75-17200

FUORI, WILLIAM MICHAEL
THE RELATIVE EFFECTIVENESS OF TWO TEACHING TECHNIQUES IN AN INTRODUCTORY DATA PROCESSING COURSE. (PH.D. 1969 NEW YORK UNIVERSITY) 456p. 30/06-A, p. 2417 BLE69-21186

FURUGORI, TEIJI
A MEMORY MODEL AND SIMULATION OF MEMORY PROCESSES FOR DRIVING A CAR. (PH.D. 1974 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 142p. 35/07-B, p. 3279 BLE75-01479

FURUIKE, DENNIS MASATO
DYNAMIC RESPONSE OF HYSTERETIC SYSTEMS WITH APPLICATION TO A SYSTEM CONTAINING LIMITED SLIP. (PH.D. 1972 CALIFORNIA INSTITUTE OF TECHNOLOGY) 139p.
33/01-B, p. 243 BLE72-17641

FUSSELL, JERRY BERNARD
SYNTHETIC TREE MODEL: A FORMAL METHODOLOGY FOR FAULT-TREE CONSTRUCTION. (PH.D. 1973 GEORGIA INSTITUTE OF TECHNOLOGY) 174p.
33/12-B, p. 5871 BLE73-14089

G

GABEL, ROBERT ALAN
PROBLEMS IN THE COMPUTER GENERATION OF BINARY HOLOGRAMS AND SPATIAL FILTERS. (PH.D. 1969 PRINCETON UNIVERSITY) 139p.
31/02-B, p. 684 BLE70-14208

GADONNEIX, PIERRE
THE PLAN CALCUL: AN ATTEMPT TO MEET THE U.S. CHALLENGE IN THE FRENCH COMPUTER INDUSTRY. (D.B.A. 1975 HARVARD UNIVERSITY) 455p.
35/11-A, p. 6877 BLE75-11520

GAGE, GEORGE JOEL
SYNTHESIZING THE PHYSICAL IMPLICATIONS OF INNOVATIVE CONCEPTS, PRACTICES, AND IDEAS IN EDUCATIONAL SYSTEMS: A DESIGN PROCESS FOR A SCHOOL FACILITY, YEAR 2001. (ED.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 285p.
33/07-A, p. 3492 BLE72-33921

GAHL, ROBERT DANIEL
CONTROLLABILITY OF NONLINEAR SYSTEMS. (PH.D. 1976 THE UNIVERSITY OF NEBRASKA - LINCOLN) 80p. 37/05-B, p. 2298 BLE76-25888

GAILEY, FRANCES HARRIETT
AN ANALYSIS OF DEVELOPMENT/USE TIME FOR A COMPUTER-ASSISTED INSTRUCTION UNIT ON BASIC HOUSEHOLD ELECTRICITY. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 214p.
34/08-B, p. 3895 BLE74-03172

GAINES, R. STOCKTON
THE DEBUGGING OF COMPUTER PROGRAMS. (PH.D. 1969 PRINCETON UNIVERSITY) 174p.
32/01-B, p. 229 BLE70-14209

GAINES, SYLVIA WRIGHT
COMPUTER-AIDED DECISION-MAKING PROCEDURES FOR ARCHAEOLOGICAL FIELD PROBLEMS. (PH.D. 1973 ARIZONA STATE UNIVERSITY) 271p.
33/09-B, p. 4087 BLE73-07309

GAINES, WARREN M.
A SYSTEMS APPROACH TO OPTIMUM DISPATCHING OF REAL-TIME INTERACTIVE SYSTEMS. (PH.D. 1973 ARIZONA STATE UNIVERSITY) 350p.
33/10-B, p. 4803 BLE73-10364

GAITHER, NORMAN
THE ADOPTION OF OPERATIONS RESEARCH TECHNIQUES BY MANUFACTURING ORGANIZATIONS: A REGIONAL EXAMINATION AND ANALYSIS. (PH.D. 1974 THE UNIVERSITY OF OKLAHOMA) 275p.
35/04-A, p. 1801 BLE74-21972

GAITHER, PAUL HUGUS IV
MODELLING AND CONTROL OF DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1965 CASE WESTERN RESERVE UNIVERSITY) 260p.
27/07-B, p. 2322 BLE66-14290

GALBIATI, LOUIS JOSEPH, JR.
THE EFFECT OF TRANSPORTATION-TYPE TIME LAGS IN THE ADAPTIVE LOOP ON THE DYNAMIC PERFORMANCE OF A CONTROL SYSTEM. (PH.D. 1960 CORNELL UNIVERSITY) 141p.
21/07, p. 1892 BLE60-06498

GALE, HAROLD WALTER
NUMERICAL ANALYSIS OF UNSTEADY COMPRESSIBLE GAS DYNAMICS OF VARIED AREA CHANNELS: APPLIED TO GAS DYNAMIC LASER START. (PH.D. 1974 PURDUE UNIVERSITY) 129p.
35/06-B, p. 2715 BLE74-26713

GALES, LAWRENCE EUGENE
ELABORATION: A SYSTEM FOR VARYING PROGRAM AND DATA STRUCTURES AND ITS APPLICATION TO THE DIMENSIONAL EXPANSION OF ARRAYS. (PH.D. 1974 UNIVERSITY OF WASHINGTON) 156p.
35/07-B, p. 3279 BLE74-29416

GALLAGHER, PAUL D.
AN INVESTIGATION OF INSTRUCTIONAL TREATMENTS AND LEARNER CHARACTERISTICS IN A COMPUTER-MANAGED INSTRUCTION COURSE. (PH.D. 1970 THE FLORIDA STATE UNIVERSITY) 125p.
31/09-A, p. 4543 BLE71-07013

GALLAGHER, ROBERT JOHN
AN EXPERIMENTAL PARALLEL LOGIC PATTERN RECOGNITION MACHINE. (PH.D. 1971 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 94p.
32/08-B, p. 4529 BLE72-06380

GALLIER, PAUL WILSON
IDENTIFICATION OF SYSTEM FREQUENCY RESPONSE BY STATISTICAL CORRELATION AND SPECTRAL ANALYSIS. (PH.D. 1962 THE UNIVERSITY OF OKLAHOMA) 148p. 23/04, p. 1300 BLE62-03954

GALLMAN, PHILIP GERRY
IDENTIFICATION OF NONLINEAR DYNAMICAL SYSTEMS USING THE URYSON OPERATOR. (PH.D. 1971 YALE UNIVERSITY) 163p.
32/05-B, p. 2705 BLE71-28171

GALLO, JOSEPH CARMINO
COMPUTER PROGRAMS TO DETECT COLLUSIVE BIDDING ON PUBLIC CONTRACTS. (PH.D. 1969 UNIVERSITY OF MISSOURI - COLUMBIA) 199p.
30/10-A, p. 4086 BLE70-06576

GALLOWAY, REX FARMER
A STUDY OF THE EFFECTS OF THE ELECTRONIC COMPUTER ON THE FUNCTIONS OF MANAGEMENT AS PERFORMED IN SELECTED COMMERCIAL BANKS. (D.B.A. 1970 MISSISSIPPI STATE UNIVERSITY) 311p.
31/07-A, p. 3102 BLE71-01196

GALTUNG, FRODE LARS
A MATHEMATICAL MODEL AND DIGITAL COMPUTER BASED ADVANCED CONTROL SYSTEM FOR A KRAFT-MILL RECOVERY UNIT. (PH.D. 1972 PURDUE UNIVERSITY) 475p. 34/08-B, p. 3786 BLE74-04919

GAMBILL, ROBERT ARNOLD
ON SYSTEMS OF LINEAR AND NON-LINEAR DIFFERENTIAL EQUATIONS WITH PERIODIC COEFFICIENTS. (PH.D. 1954 PURDUE UNIVERSITY) 104p. 14/10, p. 1744 BLE00-09344

GAMMON, WILLIAM HOWARD
A STUDY OF OPINIONS ABOUT THE ROLE OF THE FEDERAL GOVERNMENT IN SUPPORTING RESEARCH AND DEVELOPMENT (R & D) IN COMPUTERS AND INFORMATION PROCESSING SYSTEMS. (D.B.A. 1972 THE GEORGE WASHINGTON UNIVERSITY) 247p.
33/01-A, p. 13 BLE72-19739

GANDHI, SATISH LOONKARAN
RELIABILITY ANALYSIS AND OPTIMIZATION OF COMPLEX SYSTEMS. (PH.D. 1973 UNIVERSITY OF HOUSTON) 249p. 34/11-B, p. 5443 BLE74-11825

GANESAN, KRISHNAMURTHI
OPTIMIZATION OF A SYSTEM USING STATISTICAL CONTROL THEORY. (PH.D. 1970 THE UNIVERSITY OF SASKATCHEWAN (CANADA)) 139p.
31/08-B, p. 4684 BLE71-03232

GARCIA-MARTINEZ, LUIS ERNESTO
THE EFFECT OF DATA LIMITATIONS ON THE APPLICATION OF SYSTEMS ANALYSIS TO WATER RESOURCES PLANNING IN DEVELOPING COUNTRIES. (PH.D. 1971 COLORADO STATE UNIVERSITY) 225p.
32/05-B, p. 2688 BLE71-30025

GARCIA-PALOMARES, UBALDO MANUEL
SUPERLINEARLY CONVERGENT QUASI NEWTON METHODS FOR NONLINEAR PROGRAMMING. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 182p. 34/02-B, p. 624 BLE73-15961

GARDNER, DON EMERSON
A CONCEPTUAL FRAMEWORK FOR SELECTING A METHODOLOGY APPROPRIATE TO THE EVALUATION OF COMPUTER-BASED MANAGEMENT INFORMATION SYSTEMS IN HIGHER EDUCATION. (ED.D. 1974 INDIANA UNIVERSITY) 154p.
35/09-A, p. 5853 BLE75-05554

GARDNER, GEOFFREY YVELIN
COMPUTER IDENTIFICATION AND CLASSIFICATION OF BULLETS. (PH.D. 1976 POLYTECHNIC INSTITUTE OF NEW YORK) 132p.
37/04-B, p. 1815 BLE76-23405

GARDNER, JAMES ALAN
DESIGN, IMPLEMENTATION, AND USE OF A SYSTEM TO RECORD DRIVER LATERAL POSITIONING ON INTERSTATE AND SECONDARY HIGHWAYS. (PH.D. 1974 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 76p. 35/02-B, p. 1076 BLE74-18017

GARDNER, LOUIS ARTHUR, JR.
THE RELATIONSHIP BETWEEN PSYCHOLOGICAL READINESS AND ACHIEVEMENT ON A COMPUTER-ASSISTED INSTRUCTIONAL PROGRAM FOR SCIENCE TEACHER EDUCATION. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 126p.
32/10-A, p. 5633 BLE72-11348

GARDNER, ROBERT IRVING, JR.
A METHODOLOGY FOR DIGITAL SYSTEM DESIGN BASED ON STRUCTURAL AND FUNCTIONAL MODELING. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 382p.
36/01-B, p. 326 BLE75-14063

GARDNER, STEVEN RAY
A GENERALIZED TEMPLATE MATCHING ALGORITHM FOR PICTORIAL PATTERN RECOGNITION. (PH.D. 1970 THE OHIO STATE UNIVERSITY) 232p.
32/01-B, p. 229 BLE71-18006

GARDNER, TERRY NORMAN
DYNAMIC ANALYSIS OF ELASTIC MECHANICAL SYSTEMS WITH CLEARANCES. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 155p.
36/04-B, p. 1806 BLE75-22823

GARDNER, WILBUR GENE
AUDITORY IMPAIRMENT AND INFORMATION PROCESSING OF THE ELDERLY. (D.S.W. 1974 TULANE UNIVERSITY) 211p. 36/01-A, p. 542 BLE75-11964

GARG, DEVENDRA P.
COMPUTER AIDED, FREQUENCY DOMAIN SYNTHESIS OF NONLINEAR CONTROL SYSTEMS. (PH.D. 1969 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 123p.
30/12-B, p. 5514 BLE70-09776

GARLICK, LEONARD DAVISON
AN ANALYSIS OF CLIENT-CONSULTANT COLLABORATION IN DEVELOPING INFORMATION SYSTEMS FOR STATE EDUCATION AGENCIES. (PH.D. 1975 THE UNIVERSITY OF IOWA) 315p.
36/12-A, p. 7772 BLE76-13383

GARMAN, MARK BRUCE
SOLVING COMBINATORIAL DECISION PROBLEMS VIA INTERACTIVE COMPUTER GRAPHICS, WITH APPLICATIONS TO JOB-SHOP SCHEDULING. (PH.D. 1970 CARNEGIE-MELLON UNIVERSITY) 168p.
31/05-A, p. 1941 BLE70-21593

GARNER, JACKIE BASS
LINEAR DIFFERENTIAL SYSTEMS WITH TWO-POINT AND THREE-POINT BOUNDARY CONDITIONS. (PH.D. 1960 AUBURN UNIVERSITY) 50p.
21/10, p. 3106 BLE61-00717

GARRARD, JUDITH MCKINNON
COMPUTER SIMULATION OF VERBAL BEHAVIORS IN PHYSICS. (PH.D. 1971 UNIVERSITY OF MINNESOTA) 222p. 32/03-A, p. 1333 BLE71-22203

GARRARD, WILLIAM LASH, JR.
ON THE SYNTHESIS OF SUBOPTIMAL SPACECRAFT ATTITUDE-CONTROL SYSTEMS. (PH.D. 1968 THE UNIVERSITY OF TEXAS AT AUSTIN) 151p.
29/03-B, p. 977 BLE68-10834

GARRETT, SAMUEL JAMES
APPLICATION OF ORTHONORMAL FUNCTIONS TO ADAPTIVE CONTROL SYSTEMS. (DR.SCI.ENG 1964 UNIVERSITY OF PITTSBURGH) 124p.
26/09, p. 5336 BLE65-05228

GARTEN, SAMUEL
A COMPUTER ANALYSIS OF THE BINDING OF COUMARIN CONGENERS BY HUMAN SERUM ALBUMIN. (PH.D. 1971 UNIVERSITY OF MISSOURI - COLUMBIA) 151p. 32/03-B, p. 1738 BLE71-22906

GARVER, LEONARD LEE
ECONOMIC SCHEDULING OF ELECTRIC POWER GENERATORS BY INTEGER PROGRAMMING. (PH.D. 1961 NORTHWESTERN UNIVERSITY) 157p.
22/07, p. 2333 BLE61-05312

GARY, DON LEON
A GEOGRAPHICAL SYSTEMS ANALYSIS OF THE COMMERCIAL CRAWFISH INDUSTRY IN SOUTH LOUISIANA. (PH.D. 1973 OREGON STATE UNIVERSITY) 138p. 34/05-B, p. 2088 BLE73-25348

GASTON, GERALD WILBUR
DENTAL STUDENTS ATTITUDES TOWARDS COMPUTER ASSISTED INSTRUCTION. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 169p.
33/08-A, p. 3950 BLE73-01998

GATES, GEOFFREY WILLIAM
A COMPUTER SYSTEM LOAD MODEL BASED ON CLUSTER ANALYSIS. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 132p. 34/09-B, p. 4325 BLE74-06045

GATES, JOSEPH SPENCER
WORTH OF DATA USED IN DIGITAL-COMPUTER MODELS OF GROUNDWATER BASINS. (PH.D. 1972 THE UNIVERSITY OF ARIZONA) 239p.
33/03-B, p. 1177 BLE72-23379

GAUTREAUX, CLAUDE FRANCIS
A COMPARATIVE ANALYSIS OF SELECTED FACTORS CONCERNING STUDENTS ON THE TWO-YEAR AND FOUR-YEAR CAMPUSES OF THE LOUISIANA STATE UNIVERSITY SYSTEM. (PH.D. 1974 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 127p.
35/08-A, p. 5019 BLE75-01925

GAY, DAVID M.
BROWN'S METHOD AND SOME GENERALIZATIONS, WITH APPLICATIONS TO MINIMIZATION PROBLEMS. (PH.D. 1975 CORNELL UNIVERSITY) 201p.
36/02-B, p. 815 BLE75-17310

GAYE, HENRI
COMPUTER APPLICATIONS TO THE THERMODYNAMICS OF MULTICOMPONENT SOLUTIONS. (PH.D. 1971 CARNEGIE-MELLON UNIVERSITY) 288p. 32/03-B, p. 1610 BLE71-22666

GAZOURIAN, MARTIN GEORGE
COMPUTER-AIDED DESIGN OF LINEAR NETWORKS. (PH.D. 1972 CORNELL UNIVERSITY) 121p.
33/03-B, p. 1117 BLE72-23866

GEARY, JAMES A.
STATE VARIABLE REPRESENTATIONS OF NONLINEAR-SYSTEMS AND OF HEREDITARY MATERIALS. (PH.D. 1974 YALE UNIVERSITY) 103p.
35/05-B, p. 2231 BLE74-25737

GEARY, LEO CHARLES
AN IMPROVED ALGORITHM FOR LINEAR INEQUALITIES IN PATTERN RECOGNITION AND SWITCHING THEORY. (PH.D. 1968 UNIVERSITY OF PITTSBURGH) 140p. 30/02-B, p. 646 BLE69-12840

GEDDES, JOHN JOSEPH
PRELIMINARY DESIGN OF A TORNADO PROBE: THE TELEMETRY SYSTEM. (PH.D. 1971 PURDUE UNIVERSITY) 148p. 32/06-B, p. 3353 BLE72-01873

GEHANI, NARAIN H.
DATA TYPES FOR VERY HIGH LEVEL PROGRAMMING LANGUAGES. (PH.D. 1975 CORNELL UNIVERSITY) 179p. 36/09-B, p. 4584 BLE76-05943

GEHLEN, PIERRE CHARLES
COMPUTER SIMULATION OF SHORT-RANGE AND LONG-RANGE ORDER IN BINARY ALLOYS AND A STUDY OF THE STATE OF ORDER IN COPPER(77)GOLD(23) AND COPPER(78)GOLD(22). (PH.D. 1966 NORTHWESTERN UNIVERSITY) 322p.
27/07-B, p. 2391 BLE66-13984

GEHNER, KENNETH RAYMOND
OPTIMIZATION PROBLEMS WITH AN INFINITE NUMBER OF CONSTRAINTS AND APPLICATIONS TO CONSTRAINED APPROXIMATION PROBLEMS. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 209p. 32/07-B, p. 3888 BLE71-28989

GEHRING, WILLIAM LEONARD
AN ANALYSIS OF THE APPLICATION OF INSTRUCTIONAL TECHNOLOGY SYSTEMS IN LEARNING RESOURCES CENTERS OF SELECTED COMPREHENSIVE COMMUNITY COLLEGES IN THE MID-ATLANTIC REGION. (PH.D. 1974 THE CATHOLIC UNIVERSITY OF AMERICA) 337p.
35/02-A, p. 800 BLE74-18822

GEISS, GUNTHER RICHARD
THE ANALYSIS AND DESIGN OF NONLINEAR CONTROL SYSTEMS VIA LIAPUNOV'S DIRECT METHOD. (PH.D. 1964 POLYTECHNIC INSTITUTE OF NEW YORK) 233p. 25/05, p. 2906 BLE64-10714

GELB, JACK PETER
THE COMPUTER SOLUTION OF ENGLISH PROBABILITY PROBLEMS. (PH.D. 1971 RENSSELAER POLYTECHNIC INSTITUTE) 244p. 32/06-B, p. 3297 BLE72-01191

GELBLAT, MARVIN
COMPUTERS FOR MEDICAL PROBLEM SOLVING: A NEW MEDICAL ENVIRONMENT. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 119p.
32/12-B, p. 6971 BLE72-17357

GELOPULOS, DEMOSTHENES PETER
COMPUTATION OF REGIONS OF CONSTRAINED STABILITY FOR NONLINEAR CONTROL SYSTEMS. (PH.D. 1967 THE UNIVERSITY OF ARIZONA) 136p.
28/08-B, p. 3282 BLE68-00785

GENTRY, MICHAEL LEE
A COMPILER FOR COMPUTER HARDWARE EXPRESSED IN MODIFIED APL. (PH.D. 1971 THE UNIVERSITY OF ARIZONA) 137p.
32/03-B, p. 1499 BLE71-24908

GEORGE, JAMES EDWARD
GEMS - A GRAPHICAL EXPERIMENTAL META SYSTEM. (PH.D. 1971 STANFORD UNIVERSITY) 192p.
32/10-B, p. 5733 BLE72-11555

GEORGE, JOHN ALAN
COMPUTER IMPLEMENTATION OF THE FINITE ELEMENT METHOD. (PH.D. 1971 STANFORD UNIVERSITY) 227p. 32/08-B, p. 4529 BLE72-05916

GERHART, SUSAN LUCILLE
VERIFICATION OF APL-PROGRAMS. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 224p.
33/12-B, p. 5764 BLE73-13936

GERLA, MARIO
THE DESIGN OF STORE-AND-FORWARD (S/F) NETWORKS FOR COMPUTER COMMUNICATIONS. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 316p. 33/12-B, p. 5765 BLE73-13138

GERRY, ROBERT
COMPUTER - LEARNER INTERACTION IN PROBLEM-SOLVING TASKS. (PH.D. 1967 THE UNIVERSITY OF TEXAS AT AUSTIN) 158p.
28/10-A, p. 3997 BLE68-04284

GERSHO, ALLEN
CHARACTERIZATION OF TIME-VARYING LINEAR SYSTEMS. (PH.D. 1963 CORNELL UNIVERSITY) 181p. 24/06, p. 3259 BLE64-01039

GERSON, GORDON MARTIN
A COMPUTER-AIDED CLASSIFICATION AND RETRIEVAL SYSTEM FOR UNITED STATES PATENTS. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 88p. 33/01-B, p. 148 BLE72-19590

GESCHKE, CHARLES MATTHEW
GLOBAL PROGRAM OPTIMIZATIONS. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 144p. 33/10-B, p. 4759 BLE73-09133

GETTINGER, TED, JR.
A STUDY OF THE INTERACTIONS OF COMPRESSION AND PRESENTATION VARIABLES IN SIMULATED COMPUTER GENERATED DISPLAYS. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 162p. 32/08-A, p. 4418 BLE72-06057

GETTYS, VESTA SKEES
INFORMATION PROCESSING LOAD IN CONCEPT IDENTIFICATION. (PH.D. 1970 THE OHIO STATE UNIVERSITY) 87p. 31/09-B, p. 5660 BLE71-07461

GHANDOUR, ZIAD JAMIL
FORMAL SYSTEMS AND SYNTACTICAL ANALYSIS. (PH.D. 1968 YALE UNIVERSITY) 159p. 29/04-B, p. 1357 BLE68-14844

GHANEM, MOHAMED ZEIN EL-ABIDEN
OPTIMAL CONTROL PROBLEMS WITH NONDIFFERENTIABLE COST FUNCTIONALS. (PH.D. 1971 STANFORD UNIVERSITY) 136p. 32/02-B, p. 936 BLE71-19667

GHESQUIERE, JAMES ROBERT
COMPUTER USE IN TEACHING AND RESEARCH. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 163p. 34/09-B, p. 4285 BLE74-05577

GHIA, URMILA AGARWAL
INCREMENTAL L2-NORM STABILITY OF SYSTEMS GOVERNED BY NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS. (PH.D. 1971 ILLINOIS INSTITUTE OF TECHNOLOGY) 112p. 32/12-B, p. 7064 BLE72-16187

GHOSH, HITENDRA NATH
ANALYTICAL DESIGN OF LINEAR FEEDBACK CONTROL SYSTEMS. (PH.D. 1962 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 125p. 23/02, p. 575 BLE62-02914

GIBBONS, GREGORY DEAN
BEYOND REF-ARF: TOWARD AN INTELLIGENT PROCESSOR FOR A NONDETERMINISTIC PROGRAMMING LANGUAGE. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 258p. 33/08-B, p. 3759 BLE73-04369

GIBBS, D. CLARK
STUDIES OF FAST NEUTRON-SPECTRA IN TWO REGION SYSTEMS. (PH.D. 1972 RENSSELAER POLYTECHNIC INSTITUTE) 276p. 33/05-B, p. 2116 BLE72-30209

GIBBS, GORDON LYNN
USE OF COMPUTER SIMULATION TO EXAMINE THE VALIDITY OF GETZELS' AND GUBA'S MODEL IN TERMS OF ITS ABILITY TO PREDICT ADMINISTRATIVE BEHAVIOR. (PH.D. 1968 IOWA STATE UNIVERSITY) 162p. 29/09-A, p. 2923 BLE69-04237

GIBSON, GLENN ALLEN
THE USE OF TAYLOR SERIES AND LEGENDRE POLYNOMIAL EXPANSIONS IN SOLVING OPTIMAL CONTROL PROBLEMS IN L(2) - THE VECTOR SPACE OVER THE REAL FIELD CONSISTING OF ALL (INFINITY X 1) MATRICES WITH CERTAIN CONDITIONS. (PH.D. 1966 ARIZONA STATE UNIVERSITY) 125p. 27/03-B, p. 819 BLE66-09241

GIBSON, JAMES DARRELL
RESPONSE OF A NONLINEAR SYSTEM TO RANDOM VIBRATION. (PH.D. 1968 THE UNIVERSITY OF NEW MEXICO) 128p. 29/12-B, p. 4670 BLE69-09244

GIBSON, JON LEE
SOCIAL SYSTEMS AT POVERTY POINT: AN ANALYSIS OF INTERSITE AND INTRASITE VARIABILITY. (PH.D. 1973 SOUTHERN METHODIST UNIVERSITY) 440p. 34/08-B, p. 3604 BLE74-04901

GIBSON, WARREN CRAIG
FESTRAN: A FINITE ELEMENT COMPUTER PROGRAM. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 421p. 32/06-B, p. 3408 BLE72-00040

GIDDINGS, GARY MICHAEL
COST OPTIMIZATION IN MULTI-PROCESSOR COMPUTER SYSTEMS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 105p. 30/05-B, p. 2172 BLE69-18923

GIFFORD, WARREN STANTON
A CONSTRUCTIVE APPROACH TO CONTROLLABILITY OF LINEAR AND NONLINEAR SYSTEMS. (PH.D. 1970 CORNELL UNIVERSITY) 52p. 31/09-B, p. 5364 BLE71-01069

GILBERT, EDWARD OTIS
A THEORETICAL STUDY OF LINEAR DYNAMIC SYSTEMS WITH PERIODIC, PIECEWISE CONSTANT PARAMETERS. (PH.D. 1957 THE UNIVERSITY OF MICHIGAN) 116p. 19/01, p. 110 BLE58-02010

GILBERT, ELMER GRANT
LINEAR SYSTEM APPROXIMATION BY MEAN SQUARE ERROR MINIMIZATION IN THE TIME DOMAIN. (PH.D. 1957 THE UNIVERSITY OF MICHIGAN) 162p. 18/04, p. 1377 BLE58-00920

GILBERT, HAROLD DEAN
ON THE STOCHASTIC FUEL-REGULATOR PROBLEM. (PH.D. 1968 PURDUE UNIVERSITY) 95p. 29/11-B, p. 4170 BLE69-07446

GILCHRIST, CONNIE JACK
COMPUTER SIMULATION: AN ALTERNATIVE TO SYSTEMS OF DIFFERENTIAL EQUATIONS FOR THE STUDY OF SOCIAL PROCESS. (PH.D. 1970 UNIVERSITY OF MISSOURI - COLUMBIA) 174p. 31/10-A, p. 5530 BLE71-08326

GILCHRIST, RALPH WAYNE
A DIGITAL COMPUTER SOLUTION OF SYNCHRONOUS MACHINE DIFFERENTIAL EQUATIONS IN SOME POWER SYSTEM STABILITY PROBLEMS. (PH.D. 1960 MICHIGAN STATE UNIVERSITY) 88p. 23/04, p. 1304 BLE62-00421

GILES, GARY LEE
COMPUTER-AIDED DESIGN OF AIRCRAFT STRUCTURES. (PH.D. 1974 UNIVERSITY OF VIRGINIA) 308p. 35/08-B, p. 3882 BLE75-04662

GILES, RICHARD FRANK
APPLICATION OF LINEAR OPTIMAL CONTROL THEORY TO THE SYNTHESIS OF CONTROL OF LINEAR SYSTEMS WITH NUMERATOR DYNAMICS. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT ARLINGTON) 200p. 34/06-B, p. 2665 BLE73-25083

GILL, AHARON
VISUAL FEEDBACK AND RELATED PROBLEMS IN COMPUTER CONTROLLED HAND EYE COORDINATION. (PH.D. 1972 STANFORD UNIVERSITY) 215p. 33/08-B, p. 3682 BLE73-04601

GILL, CHARLES FRANCIS
A COMPUTER TECHNIQUE FOR CALCULATING THE RADIOLOGICAL CONSEQUENCES OF PRESSURIZED WATER REACTOR POWER PLANT HYPOTHETICAL ACCIDENTS. (D.E. 1975 UNIVERSITY OF MISSOURI - ROLLA) 212p. 37/01-B, p. 420 BLE76-14815

GILL, DUDLEY WILFRED, JR.
ON THE THEORY, DESIGN, AND UTILIZATION OF A MULTI-MACHINE COMPUTING SYSTEM. (SC.D. 1969 THE GEORGE WASHINGTON UNIVERSITY) 141p. 31/03-B, p. 1272 BLE70-16904

GILLANDERS, JOHN DAVID
ON-LINE INTERACTIVE COMPUTER SOLUTION OF DISPERSION EQUATIONS. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 130p. 33/11-B, p. 5284 BLE73-11121

GILLESPIE, ROBERT CHARLES
PATTERN RECOGNITION ANALYSIS OF COAL MINERS' VECTORCARDIOGRAMS. (PH.D. 1972 WEST VIRGINIA UNIVERSITY) 96p. 33/04-B, p. 1548 BLE72-26867

GILLEY, GEORGE CLAYTON
AUTOMATIC MAINTENANCE OF SPACECRAFT SYSTEMS FOR LONG-LIFE, DEEP-SPACE MISSIONS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 317p. 31/10-B, p. 5921 BLE71-09227

GILLILAND, BOBBY EUGENE
SYNTHESIS AND DESIGN OF QUANTIZED CONTROL SYSTEMS. (PH.D. 1968 UNIVERSITY OF ARKANSAS) 117p. 29/01-B, p. 181 BLE68-09835

GILLMORE, WILLARD FRANKLIN, JR.
A METHOD FOR SOLUTION OF NONLINEAR NETWORK PROBLEMS BY DIGITAL COMPUTERS. (PH.D. 1960 STANFORD UNIVERSITY) 185p. 21/01, p. 149 BLE60-02391

GILMAN, ALFRED SPURR
MEAN SQUARE PERFORMANCE BOUNDS FOR ALMOST-LINEAR SYSTEMS. (SC.D. 1972 WASHINGTON UNIVERSITY) 116p. 33/03-B, p. 1118 BLE72-24251

GILMAN, DAVID ALAN
A COMPARISON OF THE EFFECTIVENESS OF FEEDBACK MODES FOR TEACHING SCIENCE CONCEPTS BY MEANS OF A COMPUTER - ASSISTED ADJUNCT AUTO-INSTRUCTION PROGRAM. (PH.D. 1967 THE PENNSYLVANIA STATE UNIVERSITY) 170p. 29/01-A, p. 182 BLE68-08692

GILMAN, RICHARD
COST BENEFIT ANALYSIS IN THE DESIGN OF MANAGEMENT DECISION SYSTEMS: THE TIME VALUE OF INFORMATION. (D.B.A. 1973 UNIVERSITY OF SOUTHERN CALIFORNIA) 384p. 35/01-A, p. 28 BLE74-14439

GILMARTIN, KEVIN J.
AN INFORMATION PROCESSING MODEL OF SHORT-TERM MEMORY. (PH.D. 1975 CARNEGIE-MELLON UNIVERSITY) 206p. 36/11-B, p. 5664 BLE75-09082

GILMER, JOHN LEWIS
DEVELOPMENT, USING COMPUTER ANALYSIS, OF A SELECTIVE AXIAL DETECTION ELECTRON DIFFRACTION SYSTEM. (PH.D. 1969 CARNEGIE-MELLON UNIVERSITY) 230p. 30/06-B, p. 2681 BLE69-19092

GILMORE, JOHN THOMAS, JR.
A COMPUTER-BASED PRODUCTION CONTROL SYSTEM FOR JOB SHOPS. (PH.D. 1972 UNIVERSITY OF ARKANSAS) 155p. 32/09-B, p. 5151 BLE72-10205

GILSTAD, DENNIS WILLIAM
A TWO DIMENSIONAL ADAPTIVE MODEL OF A HUMAN OPERATOR IN A TIME VARYING CONTROL SYSTEM. (PH.D. 1970 PURDUE UNIVERSITY) 161p. 31/06-B, p. 4684 BLE71-02601

GISCHNER, BURTON FRED
PURSUIT AND EVASION PROBLEMS AS CONSIDERED FROM ANALYTICAL AND COMPUTER ORIENTED APPROACHES. (PH.D. 1972 BROWN UNIVERSITY) 88p. 33/08-B, p. 3772 BLE73-02270

GITTELMAN, JOSEPH NORTON
OPTIMAL CONTROL OF DISCRETE TIME, RANDOM PARAMETER SYSTEMS. (PH.D. 1967 THE UNIVERSITY OF MICHIGAN) 514p. 28/12-B, p. 5013 BLE68-07909

GITTINGS, THOMAS ANTHONY
A COMPUTER PROGRAM FOR SIMULATING THEORETICAL MACROECONOMIC MODELS. (PH.D. 1974 UNIVERSITY OF COLORADO AT BOULDER) 154p. 35/08-A, p. 4844 BLE75-03783

GITTLEMAN, ARTHUR PAUL
DUAL FORMULATIONS OF VARIATIONAL AND OPTIMAL CONTROL PROBLEMS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 124p. 30/03-B, p. 1240 BLE69-14041

GIULIANO, FRANK JOSEPH, JR.
IMPLEMENTATION OF CERTAIN FLEXIBLE SCHEDULING CONCEPTS WITH THE AID OF COMPUTER PROGRAMS IN SELECTED SECONDARY SCHOOLS. (ED.D. 1970 BOSTON UNIVERSITY SCHOOL OF EDUCATION) 341p. 31/05-A, p. 2080 BLE70-22476

GIVE'ON, YEHOSHAFAT
ON SOME CATEGORICAL ALGEBRA ASPECTS OF AUTOMATA THEORY: THE CATEGORICAL PROPERTIES OF TRANSITION SYSTEMS. (PH.D. 1966 THE UNIVERSITY OF MICHIGAN) 179p. 27/10-B, p. 3595 BLE66-14524

GLANOUDES, VASSILIOS ELIAS
AN ADAPTIVE CONTROL MODEL OF LINE-PERCEPTION, APPLIED TO THE DESIGN OF A CHARACTER-RECOGNITION SYSTEM. (PH.D. 1973 UNIVERSITY OF SOUTHERN CALIFORNIA) 125p. 34/07-B, p. 3200 BLE73-31643

GLANZ, FILSON HENRY
STATISTICAL EXTRAPOLATION IN CERTAIN ADAPTIVE PATTERN-RECOGNITION SYSTEMS. (PH.D. 1965 STANFORD UNIVERSITY) 142p. 26/07, p. 3821 BLE66-12761

GLASCOE, GARY JAY
COMPUTER ORIENTED MANAGEMENT FOR THE SELECTION OF HEARING AIDS. (PH.D. 1972 UNIVERSITY OF DENVER) 117p. 33/10-B, p. 4641 BLE73-10168

GLASER, EDWARD ROBERT
POPULATION INTERACTION MODELS, WITH COMPUTER SIMULATION STUDIES. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 111p. 30/10-B, p. 4503 BLE70-07799

GLASS, ARNOLD LEWIS
OUTLINE OF A THEORY OF PATTERN RECOGNITION. (PH.D. 1975 STANFORD UNIVERSITY) 89p. 36/09-B, p. 4665 BLE76-05737

GLASS, CARTER MONROE
REDUCTION AND SYNTHESIS OF LINEAR TIME-VARYING SYSTEMS. (PH.D. 1968 UNIVERSITY OF DENVER) 121p. 29/04-B, p. 1358 BLE68-13707

GLASS, NORMAN RALPH
A MATHEMATICAL AND COMPUTER ANALYSIS OF PREDATION ENERGETICS IN THE LARGEMOUTH BLACK BASS (MICROPTERUS SALMOIDES). (PH.D. 1968 UNIVERSITY OF CALIFORNIA, DAVIS) 130p. 30/04-B, p. 1954 BLE69-16349

GLASS, RONALD WAYNE
A STUDY OF ON-LINE DIGITAL COMPUTER PROCESS CONTROL AND ITS IMPROVEMENT BY MEANS OF THE REFLEX METHOD FOR EMPIRICAL OPTIMIZATION. (PH.D. 1970 CLEMSON UNIVERSITY) 116p. 31/10-B, p. 5944 BLE71-09514

GLASSEY, CHARLES ROGER
CONSTRAINED OPTIMIZATION OF LINEAR SYSTEMS FOR INFINITE HORIZON PROBLEMS. (PH.D. 1965 CORNELL UNIVERSITY) 112p. 26/10, p. 6068 BLE66-04100

GLASSMAN, ALBERT JACK
MAXIMUM LIKELIHOOD IDENTIFICATION OF LINEAR DISCRETE STOCHASTIC SYSTEMS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 209p. 32/03-B, p. 1565 BLE71-23005

GLASSMAN, JEFFREY ALLAN
AN EMPIRICAL STUDY INTO THE EFFICIENT PROCESSING OF ELECTROENCEPHALOGRAPHIC DATA. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 313p. 33/04-B, p. 1583 BLE72-26774

GLEASON, JOHN MARQUIS
A SYSTEMS ANALYSIS APPROACH TO TRANSIT ROUTING AND SCHEDULING IN A SMALL CITY. (D.B.A. 1972 INDIANA UNIVERSITY, GRADUATE SCHOOL OF BUSINESS) 163p. 34/03-A, p. 939 BLE73-21037

GLESS, GEORGE EDWARD
APPLICATION OF THE DIRECT METHOD OF LIAPUNOV TO THE POWER SYSTEM STABILITY PROBLEM. (PH.D. 1963 IOWA STATE UNIVERSITY) 54p. 24/10, p. 4121 BLE64-03869

GLICK, KARL EMERSON, JR.
ISING MODEL SUMS AND AN ASSOCIATED PROBLEM IN THE COMPUTER RECOGNITION OF GRAPHS. (PH.D. 1975 THE CATHOLIC UNIVERSITY OF AMERICA) 206p. 36/04-B, p. 1794 BLE75-21264

GLICKMAN, THEODORE SETH
OPTIMAL PERIODIC CONTROL OF REVERSIBLE TRAFFIC OPERATIONS. (PH.D. 1971 THE JOHNS HOPKINS UNIVERSITY) 121p. 32/02-B, p. 959 BLE71-21025

GLIKBARG, WILLIAM STANLEY
HIGH-LEVEL LANGUAGE COOPERATIVE PROCESSING IN A NETWORK ENVIRONMENT. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 173p. 35/01-B, p. 178 BLE74-15571

GOCHENOUR, DONALD LEGARDE, JR.
DEVELOPMENT OF A STOCHASTIC SIMULATION MODEL FOR TESTING ALTERNATIVE EMERGENCY MEDICAL CARE DELIVERY SYSTEMS WITH APPLICATION TO WEST VIRGINIA. (PH.D. 1972 WEST VIRGINIA UNIVERSITY) 258p. 33/04-B, p. 1537 BLE72-26866

GODBOLE, SADASHIVA SHANKAR
HYBRID ADAPTIVE CONTROL USING THE INVERSE SYSTEM. (PH.D. 1971 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 107p. 32/05-B, p. 2705 BLE71-28932

GODHWANI, ARJUN
OPTIMUM TUNING OF TWO-MODE CONTROLLERS FOR INTERCONNECTED LINEAR SYSTEMS WITH DELAY. (PH.D. 1971 UNIVERSITY OF ARKANSAS) 108p. 32/09-B, p. 5181 BLE72-10206

GODOMSKY, STEPHEN F., JR.
PROGRAMMED INSTRUCTION, COMPUTER-ASSISTED PERFORMANCE PROBLEMS, OPEN-ENDED EXPERIMENTS AND STUDENT ATTITUDE AND PROBLEM-SOLVING ABILITY IN PHYSICAL CHEMISTRY LABORATORY. (ED.D. 1970 INDIANA UNIVERSITY) 106p. 31/11-A, p. 5873 BLE71-11389

GODWIN, GURNEY LINDALE
OPTIMUM DESIGNS FOR INDUCTION MOTORS BY DIGITAL COMPUTER. (PH.D. 1958 UNIVERSITY OF PITTSBURGH) 177p. 19/08, p. 2045 BLE59-00029

GOEL, PRABHAKAR
THE FEEDFORWARD LOGIC MODEL IN THE TESTING OF LARGE-SCALE INTEGRATED LOGIC CIRCUITS. (PH.D. 1974 CARNEGIE-MELLON UNIVERSITY) 360p. 35/01-B, p. 233 BLE74-14652

GOEL, SURENDRA KUMAR
COMPUTER-AIDED PROCESSING OF STRUCTURAL DESIGN SPECIFICATIONS. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 154p. 31/05-B, p. 2664 BLE70-20967

GOELDNER, SIEGFRIED ROBERT
EXISTENCE AND UNIQUENESS THEOREMS FOR TWO SYSTEMS OF NONLINEAR HYPERBOLIC DIFFERENTIAL EQUATIONS FOR FUNCTIONS OF TWO INDEPENDENT VARIABLES. (PH.D. 1949 NEW YORK UNIVERSITY) 71p. S0146, BLE73-17899

GOETZ, AXEL ARMIN
PROCESSING OF SPATIAL INFORMATION. (PH.D. 1974 IOWA STATE UNIVERSITY) 86p. 35/01-B, p. 540 BLE74-16427.

GOFF, WAYNE HULEN
A SYSTEMS APPROACH TO ORGANIZATION DESIGN, EMPLOYING MINIMUM REQUIRED COORDINATION AS A DESIGN PARAMETER. (PH.D. 1972 NORTH TEXAS STATE UNIVERSITY) 227p. 33/03-A, p. 856 BLE72-24184

GOGGINS, WILLIAM B., JR.
IDENTIFICATION OF RADAR TARGETS BY PATTERN RECOGNITION. (PH.D. 1973 AIR FORCE INSTITUTE OF TECHNOLOGY) 133p.
35/01-B, p. 233 BLE74-15939

GOGOLEWSKI, RAYMOND PAUL
ON THE APPLICATION OF THE METHOD OF MULTIPLE TIME SCALES TO PROBLEMS IN THE THEORY OF OPTIMAL CONTROL. (PH.D. 1970 CORNELL UNIVERSITY) 202p. 31/12-B, p. 7340 BLE71-14636

GOKA, TSUYOSHI
CONTROLLABILITY OF SINGLE-INPUT DISCRETE BILINEAR SYSTEMS. (SC.D. 1972 WASHINGTON UNIVERSITY) 81p. 32/12-B, p. 6983 BLE72-17968

GOKBUDAK, MEHMET TOLUN
FORCED CROSS-OVER FREQUENCY ADAPTIVE-CONTROL SYSTEM WITH PHASE-MARGIN MEASUREMENT. (PH.D. 1972 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 154p.
33/12-B, p. 5823 BLE73-11616

GOKERI, ADIL MUREN
A GENERAL APPROACH TO LEARNING PATTERN RECOGNITION SYSTEMS. (PH.D. 1975 UNIVERSITY OF WASHINGTON) 145p.
37/02-B, p. 904 BLE76-17477

GOKHALE, ANAND RAMCHANDRA
OPTIMAL ADAPTIVE CONTROL WITH CRITERION THAT INCLUDES SENSITIVITY TO A PARAMETER OF THE PRIOR DISTRIBUTION. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 109p.
37/01-B, p. 430 BLE76-15192

GOLD, HARRY SAUL
DESIGN OF THIN FILM PARAMETRON DIGITAL COMPUTER CIRCUITS. (PH.D. 1965 UNIVERSITY OF PENNSYLVANIA) 193p.
26/09, p. 5336 BLE66-00263

GOLDBERG, EDWARD DUKE
OPERATIONS RESEARCH: A NEW SPECIALTY WITHIN BUSINESS ORGANIZATIONS. (PH.D. 1969 COLUMBIA UNIVERSITY) 207p. 31/04-A, p. 1434 BLE70-18807

GOLDBERG, MARTIN
A METHODOLOGY FOR THE EVALUATION OF INFORMATION SYSTEM USAGE. (PH.D. 1973 NORTHWESTERN UNIVERSITY) 175p.
34/06-B, p. 2558 BLE73-30593

GOLDBERG, SAUL
DISCRETE MODELING OF NONLINEAR SYSTEMS. (PH.D. 1968 THE UNIVERSITY OF FLORIDA) 128p.
30/01-B, p. 200 BLE69-10926

GOLDEN, DONALD GEORGE
A GENERALIZED LANGUAGE FOR DISCRETE/CONTINUOUS SIMULATION. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 142p.
32/12-B, p. 6971 BLE72-18693

GOLDMAN, NEIL MURRAY
COMPUTER GENERATION OF NATURAL-LANGUAGE FROM A DEEP CONCEPTUAL BASE. (PH.D. 1974 STANFORD UNIVERSITY) 318p.
35/03-B, p. 1231 BLE74-20196

GOLDSMITH, CLAIR WOODROW
A PROCEDURELESS PROGRAMMING LANGUAGE. (PH.D. 1972 SOUTHERN METHODIST UNIVERSITY) 89p. 33/12-B, p. 5765 BLE73-14474

GOLDSTEIN, BERNARD FREDERICK
CONTROL OF LINEAR UNCERTAIN SYSTEMS UTILIZING MISMATCHED STATE OBSERVERS. (PH.D. 1972 THE UNIVERSITY OF CONNECTICUT) 138p.
33/12-B, p. 5823 BLE73-14295

GOLDSTEIN, GEORGE STEPHEN
LOAD VARIABLES IN INFORMATION PROCESSING. (PH.D. 1969 COLORADO STATE UNIVERSITY) 84p.
30/07-A, p. 2848 BLE69-22311

GOLDSTEIN, MARK K.
THE COMPUTER SIMULATION OF DEFECTS IN AMMONIUM PERCHLORATE. (PH.D. 1971 UNIVERSITY OF MIAMI) 291p. 32/06-B, p. 3218 BLE72-02180

GOLDSTEIN, MELVIN ALAN
INFORMATION SEEKING IN FIRST IMPRESSION FORMATION: A MULTIDIMENSIONAL ANALYSIS. (PH.D. 1974 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 130p.
35/10-B, p. 5154 BLE75-08399

GOLDSTEIN, ROBERT C.
THE COST OF PRIVACY: OPERATIONAL AND FINANCIAL IMPLICATIONS OF DATABANK-PRIVACY REGULATION. (D.B.A. 1974 HARVARD UNIVERSITY) 378p. 35/10-A, p. 6653 BLE75-09470

GOLIKERI, SUDHIR VASANT
LUMPING-ANALYSIS OF CHEMICAL REACTION SYSTEMS. (PH.D. 1972 UNIVERSITY OF HOUSTON) 344p. 34/01-B, p. 197 BLE73-15706

GOLTON, ROBERT FRANCIS
THE EFFECT OF STUDENT INTERACTION ON COMPUTER-ASSISTED INSTRUCTION IN MATHEMATICS AT THE SIXTH-GRADE LEVEL. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 135p.
37/01-A, p. 166 BLE76-15194

GOLTZ, JOHN RALPH
DARE-I, AN ON-LINE DIGITAL SIMULATION SYSTEM. (PH.D. 1970 THE UNIVERSITY OF ARIZONA) 218p.
31/01-B, p. 165 BLE70-11975

GOMBERG, DAVID AARON
A COMPUTER-ORIENTED SYSTEM FOR MUSIC PRINTING. (D.SC. 1975 WASHINGTON UNIVERSITY) 126p. 36/09-B, p. 4584 BLE76-06257

GONZALEZ, CARLOS MANUEL
PERFORMANCE MEASUREMENTS OF THE SCHEDULER IN THE PDP-10 TENEX OPERATING SYSTEM. (PH.D. 1975 CASE WESTERN RESERVE UNIVERSITY) 252p.
36/07-B, p. 3476 BLE75-27913

GONZALEZ, MARIO JESUS, JR.
A DECENTRALIZED PARALLEL PROCESSOR SYSTEM. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 176p. 33/01-B, p. 197 BLE72-19593

GOOD, DONALD IRVIN
TOWARD A MAN-MACHINE SYSTEM FOR PROVING PROGRAM CORRECTNESS. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 189p.
31/08-B, p. 4628 BLE70-22053

GOODMAN, GERALD SPENCER
UNIVALENT FUNCTIONS AND OPTIMAL CONTROL. (PH.D. 1967 STANFORD UNIVERSITY) 112p.
29/07-B, p. 2523 BLE69-00223

GOODMAN, HENRY JAMES ABRAHAM
THE EFFECTS OF TEAM-LEARNING AND OF THE COUNTERACTING OF MISINFORMATION UPON ATTITUDES TOWARDS COMPUTER INSTRUCTED LEARNING. (ED.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 292p.
29/06-A, p. 1822 BLE68-16605

GOODMAN, PAUL HARRIS
THE DESIGN OF ADAPTIVE, MULTIVARIABLE, SAMPLED-DATA CONTROL SYSTEMS. (PH.D. 1963 POLYTECHNIC INSTITUTE OF NEW YORK) 130p.
24/07, p. 2837 BLE64-00333

GOODSON, CAROLE EDITH MCKISSOCK
A STUDY OF THE EFFECTIVENESS OF COMPUTER ASSISTED INSTRUCTION AS COMPARED TO TRADITIONAL INSTRUCTION WHEN UTILIZED IN TECHNICAL MATHEMATICS FOR COLLEGE STUDENTS IN BUSINESS AND ENGINEERING TECHNOLOGY. (ED.D. 1975 UNIVERSITY OF HOUSTON) 110p.
36/05-A, p. 2688 BLE75-23934

GOODWIN, REESE J.
INTERACTIVE COMPUTER GENERATED SURFACES WITH DOUBLE CURVATURE. (PH.D. 1976 UNIVERSITY OF UTAH) 128p. 37/03-B, p. 1358 BLE76-20745

GOPINATH, BHASKARPILLAI
ON THE IDENTIFICATION AND CONTROL OF LINEAR SYSTEMS. (PH.D. 1968 STANFORD UNIVERSITY) 124p. 29/11-B, p. 4171 BLE69-08187

GORDON, JOHN PETERSEN
RANDOM INPUT SIGNAL ANALYSIS OF NONLINEAR SYSTEMS WITH TRANSPORT DELAY. (PH.D. 1969 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 61p. 31/02-B, p. 685 BLE70-13326

GORDON, LAWRENCE RUSSELL
EFFECTS OF CAPTIAL SIZE IN COMPUTER-CONTROLLED MULTISTAGE BETTING GAMES. (PH.D. 1970 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 168p.
31/08-B, p. 5022 BLE71-03557

GORDY, ROBERT STEPHEN
A COMPUTER-AIDED BROAD-BAND IMPEDANCE-MATCHING TECHNIQUE USING A COMPARISON REFLECTOMETER. (PH.D. 1972 GEORGIA INSTITUTE OF TECHNOLOGY) 249p.
33/08-B, p. 3647 BLE73-01859

GORGONE, JOHN THOMAS
1974 INDUSTRIAL AND BUSINESS COMPUTER TECHNOLOGY NEEDS IN INDIANA. (PH.D. 1974 SOUTHERN ILLINOIS UNIVERSITY) 201p.
35/12-B, p. 5845 BLE75-13236

GOROZDOS, RICHARD EMMERICH
ANALYSIS OF AN OSCILLATING CONTROL SYSTEM. (PH.D. 1960 UNIVERSITY OF MARYLAND) 89p.
21/09, p. 2657 BLE61-00417

GOSTECNIK, GARY FRANK
COMPUTER EVALUATION OF GAS CHROMATOGRAPHIC PROFILES FOR THE CORRELATION OF QUALITY DIFFERENCES IN COLD PRESSED ORANGE OILS. (PH.D. 1974 UNIVERSITY OF HOUSTON) 131p. 35/07-B, p. 3193 BLE75-01002

GOSTELOW, KIM PETER
FLOW OF CONTROL, RESOURCE ALLOCATION, AND THE PROPER TERMINATION OF PROGRAMS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 301p. 32/11-B, p. 6343 BLE72-13608

GOULD, PETER HENRY
OSCILLATIONS IN NONLINEAR PARABOLIC-SYSTEMS. (PH.D. 1973 GEORGETOWN UNIVERSITY) 94p.
33/11-B, p. 5389 BLE73-11797

GOURAUD, HENRI
COMPUTER DISPLAY OF CURVED SURFACES. (PH.D. 1971 UNIVERSITY OF UTAH) 88p.
32/05-B, p. 2649 BLE71-27878

GOURISHANKAR, VEMBU
SINUSOIDAL ANALYSIS OF HYSTERESIS EFFECTS IN NONLINEAR FEEDBACK CONTROL SYSTEMS. (PH.D. 1961 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 105p. 21/12, p. 3729 BLE61-01616

GOWDY, KENNETH KING
A METHOD FOR THE ANALYSIS AND SYNTHESIS OF LINEAR THIRD-ORDER SYSTEMS. (PH.D. 1965 OKLAHOMA STATE UNIVERSITY) 146p.
27/01-B, p. 189 BLE66-04015

GOWENS, JOHN WITHERSPOON, II
THE VALIDATION OF A COMPUTER SIMULATION MODEL USING SPECTRAL ANALYSIS. (D.B.A. 1974 ARIZONA STATE UNIVERSITY) 134p.
35/04-A, p. 1802 BLE74-23421

GRACE, DONALD WAYNE
COMPUTER SEARCH FOR NON-ISOMORPHIC CONVEX POLYHEDRA. (PH.D. 1965 STANFORD UNIVERSITY) 144p. 26/02, p. 1061 BLE65-06296

GRACON, THOMAS JOSEPH
THE SYSTEMATIC DESIGN OF EFFICIENT AUTOMATIC PATCHING SYSTEMS FOR ANALOG COMPUTERS. (PH.D. 1969 CARNEGIE-MELLON UNIVERSITY) 142p.
31/02-B, p. 685 BLE70-12427

GRAGG, BERNARD BURTON, JR.
THE COMPUTATION OF APPROXIMATELY OPTIMAL CONTROL. (PH.D. 1964 STANFORD UNIVERSITY) 112p. 25/03, p. 1815 BLE64-09824

GRAHAM, EDWARD DEMAH, JR.
COMPUTER TECHNIQUES FOR ACCURATE SOLID STATE DEVICE ANALYSIS. (PH.D. 1970 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 222p.
31/04-B, p. 1961 BLE70-18969

GRAHAM, JAMES DONALD
DETERMINATION OF THE EFFECTS OF FINITE-TIME SAMPLING AND OF NONLINEAR ELEMENTS ON THE PERFORMANCE OF SAMPLED-DATA SYSTEMS. (PH.D. 1957 THE UNIVERSITY OF WISCONSIN - MADISON) 108p. 17/11, p. 2549 BLE00-24283

GRAHAM, JOHN EDWARD
A PROCESS FOR THE DESIGN OF INDIVIDUALIZED LEARNING UNITS IMPLEMENTED IN A COMPETENCY-BASED LEARNING SYSTEM FOR ACCOUNTING. (ED.D. 1975 UNIVERSITY OF PITTSBURGH) 235p.
36/04-A, p. 1995 BLE75-22443

GRAHAM, JOHN WILLIAM
OPTIMAL CONTROL OF DISCRETE-TIME SYSTEMS. (PH.D. 1968 ILLINOIS INSTITUTE OF TECHNOLOGY) 151p. 31/02-B, p. 703 BLE70-02364

GRAHAM, MARVIN LOWELL
AN ARRAY COMPUTER FOR THE CLASS OF PROBLEMS TYPIFIED BY THE GENERAL CIRCULATION MODEL OF THE ATMOSPHERE. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 289p. 37/01-B, p. 334 BLE76-16137

GRAHAM, RAY LOGAN
AN INVESTIGATION OF THE EFFECTS OF COMPUTERS UPON ELEMENTARY ANALYSIS. (PH.D. 1968 NEW MEXICO STATE UNIVERSITY) 189p.
29/04-B, p. 1431 BLE68-14697

GRAHAM, WARREN DEAN
HYDRO-THERMAL GENERATION UNIT COMMITMENT AND DISPATCH USING A DYNAMIC PROGRAMMING APPROACH. (PH.D. 1972 UNIVERSITY OF MISSOURI - ROLLA) 178p. 34/06-B, p. 2618 BLE73-28773

GRAINGER, JOHN JOSEPH
BOUNDARY VALUE CONTROL OF DISTRIBUTED SYSTEMS CHARACTERIZED BY HYPERBOLIC DIFFERENTIAL EQUATIONS. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 284p.
28/12-B, p. 5013 BLE68-05307

GRAN, RICHARD
OPTIMAL STOCHASTIC CONTROL OF CONTINUOUS SYSTEMS WITH NOISY MEASUREMENTS. (PH.D. 1969 POLYTECHNIC INSTITUTE OF NEW YORK) 55p.
30/06-B, p. 2692 BLE69-20337

GRANDEY, ROBERT CLIFFORD
AN INVESTIGATION OF THE USE OF COMPUTER-AIDED INSTRUCTION IN TEACHING STUDENTS HOW TO SOLVE SELECTED MULTISTEP GENERAL CHEMISTRY PROBLEMS. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 208p.
31/12-A, p. 6430 BLE71-14764

GRANGEON, PIERRE LOUIS
THE DESIGN AND IMPLEMENTATION OF A MULTI-LEVEL FILE SYSTEM. (PH.D. 1974 CASE WESTERN RESERVE UNIVERSITY) 110p.
35/05-B, p. 2138 BLE74-25657

GRANT, FREDERICK ANTHONY
EIGHTH GRADE STUDENTS' ATTITUDES AND PERCEPTIONS TOWARD THE TEN CATEGORIES OF FLANDERS' SYSTEM OF INTERACTION ANALYSIS: AN EXPLORATORY STUDY. (ED.D. 1971 UNIVERSITY OF OREGON) 190p. 32/06-A, p. 3003 BLE72-00926

GRANT, LAWRENCE VERNON
DECISION-MAKING IN THE UNITED STATES HOUSE OF REPRESENTATIVES: A COMPUTER SIMULATION. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 149p.
31/12-A, p. 6677 BLE71-14765

GRAPE, GUNNAR RUTGER
MODEL BASED (INTERMEDIATE-LEVEL) COMPUTER-VISION. (PH.D. 1973 STANFORD UNIVERSITY) 267p.
34/06-B, p. 2558 BLE73-30403

GRASON, JOHN
METHODS FOR THE COMPUTER-IMPLEMENTED SOLUTION OF A CLASS OF 'FLOOR PLAN' DESIGN PROBLEMS. (PH.D. 1970 CARNEGIE-MELLON UNIVERSITY) 374p. 31/05-B, p. 2677 BLE70-20896

GRATZER, FRANK JOSEPH
COMPUTER SOLUTION OF LARGE MULTICOMMODITY FLOW PROBLEMS. (PH.D. 1971 PRINCETON UNIVERSITY) 103p. 32/03-B, p. 1566 BLE71-23358

GRAUER, ALBERT DAVID
A COMPUTER MODEL OF THE BARIUM ION CLOUD EXPERIMENT. (PH.D. 1972 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 99p.
32/09-B, p. 5386 BLE72-08937

GRAVES, PATRICIA HOGAN
A COMPUTER-GENERATED CONCORDANCE TO STERNE'S "TRISTRAM SHANDY.". (PH.D. 1974 EMORY UNIVERSITY) 1841p.
35/07-A, p. 4428 BLE75-01879

GRAVES, ROBERT WILLIAM
DECISION TREE STRUCTURE: IMPLICATIONS FOR INFORMATION RETRIEVAL. (PH.D. 1969 STANFORD UNIVERSITY) 149p. 30/12-B, p. 5579 BLE70-10461

GRAY, CHARLES EDMUND
OPTIMAL CONTROL OF SYSTEMS WITH COMBINED PULSE-WIDTH AND PULSE-FREQUENCY MODULATION. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, BERKELEY) 132p.
32/05-B, p. 2706 BLE71-29425

GRAY, JAMES DANIEL
PREDICTABILITY OF SUCCESS AND ACHIEVEMENT LEVEL OF DATA-PROCESSING TECHNOLOGY STUDENTS AT THE TWO-YEAR POST-SECONDARY LEVEL. (PH.D. 1974 GEORGIA STATE UNIVERSITY - SCHOOL OF EDUCATION) 140p.
35/04-A, p. 2208 BLE74-23172

GRAY, JAMES N.
PRECEDENCE PARSERS FOR PROGRAMMING LANGUAGES. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 118p.
31/04-B, p. 1893 BLE70-17570

GRAYDON, DONALD MACDONALD
INFORMATION IN SUPPORT OF DECISION-MAKING: THE EFFECTS OF COMPUTER-BASED DISCHARGE ABSTRACT SYSTEMS ON THE BEHAVIOR OF HEALTH CARE PROFESSIONALS. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 2[illegible]8p.
36/04-B, p. 1645 BLE75-21056

GRAYSON, LAWRENCE PETER
THE DESIGN OF NONLINEAR AND ADAPTIVE SYSTEMS VIA LYAPUNOV'S SECOND METHOD. (PH.D. 1962 POLYTECHNIC INSTITUTE OF NEW YORK) 81p.
23/07, p. 2468 BLE62-05647

GREEN, CLAUDE CORDELL
THE APPLICATION OF THEOREM PROVING TO QUESTION-ANSWERING SYSTEMS. (PH.D. 1969 STANFORD UNIVERSITY) 171p.
30/08-B, p. 3733 BLE70-01541

GREEN, GARY BRIAN
LINEAR DIFFERENTIAL SYSTEMS WITH INFINITELY MANY BOUNDARY POINTS. (PH.D. 1970 THE PENNSYLVANIA STATE UNIVERSITY) 54p.
32/01-B, p. 429 BLE71-16604

GREEN, IVAN DALE
LIFETIME CONSIDERATION AND ECONOMIC EVALUATION OF A LARGE, FAST, BREEDER, MIXED FUEL CYCLE SYSTEM. (PH.D. 1968 PURDUE UNIVERSITY) 253p. 29/11-B, p. 4203 BLE69-07449

GREEN, MICHAEL LEE
THE TELEMEDICINE COMPUTER PROJECT: THE REMOTE ACQUISITION AND DISPLAY OF MEDICAL HISTORIES AND PHYSIOLOGICAL SIGNALS. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 159p. 34/07-B, p. 3219 BLE73-32062

GREEN, REX STANLEY
A MONTE CARLO EVALUATION OF A COMPUTER-INTERACTIVE EXTENDED TRANSITIVITY DOMINANCE-SCALING MODEL. (PH.D. 1974 UNIVERSITY OF SOUTHERN CALIFORNIA) 61p.
35/09-B, p. 4625 BLE75-06417

GREEN, WALTER LUTHER
DESIGN OF NONINTERACTING CONTROL SYSTEMS USING ROOT LOCUS METHODS. (PH.D. 1965 TEXAS A&M UNIVERSITY) 107p. 26/11, p. 6607 BLE66-02417

GREENBERG, HERM JAY
ON THE EXISTENCE AND SOME PROPERTIES OF CERTAIN NORMAL MODE VIBRATIONS IN NONLINEAR SYSTEMS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, BERKELEY) 90p. 30/03-B, p. 1152 BLE69-14896

GREENE, DOUGLAS RICHARD
NUMERICAL TECHNIQUES FOR THE ANALYSIS OF DIGITAL RADAR DATA WITH APPLICATIONS TO METEOROLOGY AND HYDROLOGY. (PH.D. 1971 TEXAS A&M UNIVERSITY) 143p. 32/08-B, p. 4788 BLE72-05663

GREENE, JAY ROBERT
A COMPUTER SIMULATION OF A MARKETING ORGANIZATION. (PH.D. 1961 THE OHIO STATE UNIVERSITY) 264p. 22/10, p. 3447 BLE62-00772

GREENE, JOHN FRANCIS
SCORING CREATIVITY TESTS BY COMPUTER SIMULATION. (PH.D. 1971 THE UNIVERSITY OF CONNECTICUT) 174p. 32/01-A, p. 237 BLE71-18408

GREENE, ROBERT EDWARD
APPLICATION OF ELECTRONIC DATA PROCESSING TO THE FUNCTIONS OF PERSONNEL ADMINISTRATION. (ED.D. 1970 UNIVERSITY OF SOUTHERN CALIFORNIA) 182p. 31/06-A, p. 2640 BLE70-25029

GREENFELD, NORTON ROBERT
COMPUTER SYSTEM SUPPORT FOR DATA ANALYSIS. (PH.D. 1972 CALIFORNIA INSTITUTE OF TECHNOLOGY) 131p. 33/06-B, p. 2683 BLE72-30799

GREENHALGH, JOHN, JR.
THE EFFECT OF THE INSTALLATION OF AUTOMATIC DATA PROCESSING EQUIPMENT ON THE ADMINISTRATIVE AND EDUCATIONAL SERVICES IN NEW ENGLAND PUBLIC SCHOOL SYSTEMS. (PH.D. 1964 THE UNIVERSITY OF CONNECTICUT) 141p. 25/08, p. 4494 BLE65-02712

GREENLEAF, JAMES ALBERT
THE APPLICATION OF MATHEMATICAL PROGRAMMING TECHNIQUES TO MULTI-PERIOD, STOCHASTIC PORTFOLIO REVISION PROBLEMS. (PH.D. 1974 NEW YORK UNIVERSITY, GRADUATE SCHOOL OF BUSINESS ADMINISTRATION) 386p. 35/06-A, p. 3265 BLE74-26632

GREENWALD, HERBERT IRWIN
AN ANALYSIS OF ELECTRONIC DATA-PROCESSING APPLICATIONS IN SELECTED SCHOOL SYSTEMS IN ILLINOIS. (ED.D. 1969 LOYOLA UNIVERSITY OF CHICAGO) 220p. 34/06-B, p. 2762 BLE73-29482

GREER, HARRY HOLT, JR.
THE APPLICATION OF A DIGITAL COMPUTER TO SCORING AND ANALYSIS OF EXAMINATIONS AND THE PREPARATION OF DIAGNOSTIC REPORTS. (ED.D. 1966 THE GEORGE WASHINGTON UNIVERSITY) 108p. 27/04-A, p. 923 BLE66-06883

GREGORY, ANTHONY JOHN
TIME DOMAIN METHOD OF DESIGN FOR A CLASS OF NONLINEAR SYSTEMS. (PH.D. 1962 THE UNIVERSITY OF MICHIGAN) 101p. 23/09, p. 3288 BLE63-00384

GRESSANG, RANDALL VERNON
OBSERVERS FOR INFINITE DIMENSIONAL LINEAR-SYSTEMS. (PH.D. 1974 AIR FORCE INSTITUTE OF TECHNOLOGY) 199p. 35/05-B, p. 2231 BLE74-25475

GRETHLEIN, HANS ERICH
TIME OPTIMAL CONTROL OF NONLINEAR SYSTEMS WITH CONSTRAINTS. (PH.D. 1963 PRINCETON UNIVERSITY) 216p. 24/04, p. 1518 BLE63-05616

GREWAL, GURMOHAN SINGH
CONTRIBUTIONS TO REFERENCE-MODEL ADAPTIVE CONTROL THEORY. (PH.D. 1969 UNIVERSITY OF CINCINNATI) 177p. 30/11-B, p. 5045 BLE70-09606

GREWAL, KALWANT SINGH
BINARY FEATURE DESIGN TECHNIQUES IN PATTERN RECOGNITION. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT ARLINGTON) 65p. 34/06-B, p. 2618 BLE73-25084

GREY, JOHN MICHAEL
AN EXPLORATION OF MUSICAL TIMBRE USING COMPUTER-BASED TECHNIQUES FOR ANALYSIS, SYNTHESIS AND PERCEPTUAL SCALING. (PH.D. 1975 STANFORD UNIVERSITY) 159p. 36/04-B, p. 1945 BLE75-21869

GREYNOLDS, ELBERT BERTON, JR.
SYNTHESIZING TIME-SHARING COMPUTER SYSTEMS AND SELECTED PORTIONS OF THE UNDERGRADUATE ACCOUNTING CURRICULUM. (PH.D. 1971 GEORGIA STATE UNIVERSITY - SCHOOL OF BUSINESS ADMINISTRATION) 353p. 32/06-A, p. 2838 BLE71-29551

GRIDER, KELLY VERNON
DISTURBANCE ACCOMMODATION IN LINEAR SYSTEMS WITH CHATTERING CONTROLLERS. (PH.D. 1972 THE UNIVERSITY OF ALABAMA) 106p. 33/07-B, p. 3075 BLE72-33104

GRIEPENTROG, GARY LEE
THE RELATIONSHIP AMONG MODEL MISSPECIFICATION, ESTIMATION TECHNIQUE AND FORECASTING IN SOME ECONOMETRIC MARKETING MODELS: A COMPUTER EXPERIMENT. (PH.D. 1974 PURDUE UNIVERSITY) 305p. 36/02-A, p. 989 BLE75-17204

GRIFFIN, CHARLES THOMAS
CAUSAL MODEL ANALYSIS OF ROLE PERFORMANCE OF COORDINATORS IN THE OPERATING SYSTEM FOLLOWING A DISASTER. (PH.D. 1972 IOWA STATE UNIVERSITY) 177p. 33/04-A, p. 1848 BLE72-26918

GRIFFITH, ERNEST WILLIAM
ON THE OBSERVABILITY OF NONLINEAR SYSTEMS. (PH.D. 1971 UNIVERSITY OF MINNESOTA) 155p. 32/08-B, p. 4589 BLE72-05534

GRIGORIADIS, MICHAEL D.
A PROJECTIVE METHOD FOR A CLASS OF STRUCTURED NONLINEAR PROGRAMMING PROBLEMS. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 151p. 31/11-B, p. 6560 BLE70-24796

GRIGSBY, LEONARD LEE
AN ANALYTICAL APPROACH TO N-PORT SYSTEM DESIGN. (PH.D. 1965 OKLAHOMA STATE UNIVERSITY) 79p. 27/01-B, p. 174 BLE66-04018

GRILLO, JOHN PHILLIPS
THE ANALYSIS OF MISSING DATA AND ITS COMPUTER IMPLEMENTATION. (PH.D. 1971 THE UNIVERSITY OF NEW MEXICO) 175p. 32/07-A, p. 3556 BLE72-03990

GRIM, DANIEL JAMES
GLOBAL CONSIDERATIONS IN THE DESIGN OF MULTI-HOST COMPUTER NETWORKS. (PH.D. 1976 UNIVERSITY OF DELAWARE) 92p. 37/05-B, p. 2420 BLE76-24258

GRIMES, PETER SNOOK
COMPUTER ASSISTED STUDY: TOWARD A MORE EFFECTIVE AND EFFICIENT COMPUTER BASED INSTRUCTIONAL STRATEGY. (ED.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 511p. 31/04-A, p. 1686 BLE70-17477

GRIMES, THOMAS PAUL
AN ANALYSIS OF POVERTY WITHIN THE SPATIAL SUB-SYSTEMS OF INDIA. (PH.D. 1972 UNIVERSITY OF KENTUCKY) 196p. 34/06-B, p. 2693 BLE73-29696

GRIMMELL, WILLIAM CHARLES
THE EXISTENCE AND CHARACTERIZATION OF SOLUTIONS TO A CLASS OF LINEAR OPTIMAL CONTROL PROBLEMS. (PH.D. 1965 THE UNIVERSITY OF MICHIGAN) 161p. 27/02-B, p. 539 BLE66-06612

GRINNELL, GEORGE JAMES
THE DARWIN CASE. A COMPUTER ANALYSIS OF SCIENTIFIC CREATIVITY. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 278p. 31/04-A, p. 1725 BLE70-17571

GRISWOLD, VICTOR MICHAEL
VECTOR GENERATION FOR FAULT DIAGNOSIS IN LOGIC CIRCUITS. (PH.D. 1974 ARIZONA STATE UNIVERSITY) 140p. 34/11-B, p. 5464 BLE74-10713

GRIT, DALE HENRY
MODELS OF A MEMORY MANAGEMENT ALGORITHM. (PH.D. 1974 UNIVERSITY OF MINNESOTA) 161p. 35/08-B, p. 3869 BLE75-02102

GRODSKY, HARRY RICHARD
THE DEVELOPMENT OF A COMPUTER CONTROLLED OPTICAL MICROSCOPE FOR AUTOMATIC FOCUSING AND THREE DIMENSIONAL TRACKING OF MICROSCOPIC IMAGES. (SC.D. 1972 WASHINGTON UNIVERSITY) 168p. 32/12-B, p. 6995 BLE72-17969

GROPPELLI, ANGELICO A.
THE GROWTH PROCESS IN THE COMPUTER INDUSTRY. (PH.D. 1970 NEW YORK UNIVERSITY) 316p. 31/08-A, p. 3727 BLE71-02296

GROSKY, WILLIAM IRVIN
A MATHEMATICAL THEORY OF CONSTRUCTIBLE AUTOMATA. (PH.D. 1971 YALE UNIVERSITY) 391p. 32/12-B, p. 6971 BLE72-16329

GROSS, DONALD
AN INVESTIGATION OF CENTRALIZED INVENTORY CONTROL IN MULTI-LOCATION SUPPLY SYSTEMS. (PH.D. 1962 CORNELL UNIVERSITY) 159p. 23/02, p. 561 BLE62-02524

GROSS, DOROTHY SUSAN
A SET OF COMPUTER PROGRAMS TO AID IN MUSIC ANALYSIS. (PH.D. 1975 INDIANA UNIVERSITY) 367p. 36/05-A, p. 2478 BLE75-23474

GROSS, PETER DAVID
HARDWARE ACCESS CONTROL IN MULTIPROGRAMMED COMPUTER SYSTEMS. (PH.D. 1973 WASHINGTON STATE UNIVERSITY) 131p. 34/08-B, p. 3742 BLE74-04102

GROSSEL, ROGER LOUIS
A COMPUTER-BASED EDUCATION APPROACH TO ELECTRICAL NETWORK THEORY: LESSON DEVELOPMENT, USE AND EVALUATION. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 81p. 32/10-A, p. 5533 BLE72-12184

GROSSMAN, ALVIN
A STUDY TO DETERMINE THE FEASIBILITY OF ESTABLISHING AN INTEGRATED DATA PROCESSING SYSTEM FOR PUPIL PERSONNEL RECORDS IN CALIFORNIA PUBLIC SECONDARY SCHOOLS. (ED.D. 1961 UNIVERSITY OF WASHINGTON) 291p. 22/10, p. 3486 BLE61-06637

GROSSMAN, FRED
COMPUTER RECOGNITION OF HANDPRINTED TWO-DIMENSIONAL MATHEMATICS. (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 454p. 35/11-B, p. 5379 BLE74-15925

GROVES, BRENTON ROBERT
THE USE OF COMPUTER-GENERATED MOTION PICTURES IN THE ANALYSIS OF ELECTRICAL ENGINEERING PHENOMENA. (PH.D. 1966 THE OHIO STATE UNIVERSITY) 381p. 27/11-B, p. 3934 BLE67-06316

GRUBB, RALPH EMERSON
A DESIGN LANGUAGE AND SYSTEM FOR COMPUTER-ASSISTED INSTRUCTION PROGRAMS. (ED.D. 1972 COLUMBIA UNIVERSITY) 165p. 33/01-A, p. 78 BLE72-19616

GRUDNITSKI, GARY MARTIN
A METHODOLOGY FOR THE DESIGN OF DECISION-MAKER ORIENTED INFORMATION SYSTEMS. (PH.D. 1975 UNIVERSITY OF MASSACHUSETTS) 141p. 36/09-A, p. 6189 BLE76-05337

GRUENKE, ROGER ALLAN
DESIGN, PROGRAMMING, AND USE OF AN INTERACTIVE-TERMINAL–COMPUTER SYSTEM TO DETERMINE THE EFFECT OF AORTIC SMOOTH MUSCLE ON AORTIC INPUT-IMPEDANCE. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 179p. 35/02-B, p. 793 BLE74-17776

GRUMBLING, HENRY MANER
DIAL ACCESS INFORMATION RETRIEVAL SYSTEMS IN HIGHER EDUCATION AND IMPLICATIONS FOR ESTABLISHING A SYSTEM AT COLORADO STATE COLLEGE. (ED.D. 1968 UNIVERSITY OF NORTHERN COLORADO) 336p. 29/08-A, p. 2587 BLE69-02846

GRUNDMANN, JACK GEORGE
A COMPUTER-CONTROLLED MULTI-TASK POWERED EXOSKELETON FOR PARAPLEGIC PATIENTS. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 285p. 35/09-B, p. 4476 BLE74-27739

GRUSH, HUBERT LEE
AN INVESTIGATION OF A DIGITAL BEARING COMPUTER FOR A SMALL APERTURE RADIO DIRECTION FINDING SYSTEM. (PH.D. 1965 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 118p. 26/05, p. 2645 BLE65-11790

GRUVER, WILLIAM ALMER, III
DESIGN OF COMPUTATIONAL ALGORITHMS FOR OPTIMAL CONTROL BY HILBERT SPACE METHODS. (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 138p. 32/01-B, p. 430 BLE71-19231

GRYDE, STANLEY KERMIT
A PARADIGM FOR THE APPLICATION OF THE AUDIO-TUTORIAL SYSTEM IN CONSTRUCTION TO THE SECONDARY SCHOOL. (ED.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 317p. 32/06-A, p. 3136 BLE72-00558

GUENTHER, CHRISTIAN RUDOLF
APPLICATION OF STOCHASTIC OPTIMAL CONTROL THEORY TO HIGH-SPEED VEHICLE SUSPENSION SYNTHESIS. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 310p. 34/06-B, p. 2578 BLE73-28704

GUHA, ARUN KANTI
SYNTHESIS AND PARAMETRIC STUDY OF THE OPTIMAL CONTROL OF SECOND ORDER LINEAR TIME INVARIANT SYSTEMS WITH A PARAMETERIZED COST FUNCTIONAL. (PH.D. 1969 UNIVERSITY OF MARYLAND) 164p. 31/01-B, p. 196 BLE70-12924

GUHA, DIPAK
COMPUTER SIMULATION OF THE THREE-RECEIVER DRIFT EXPERIMENT. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 198p. 33/10-B, p. 4805 BLE73-09943

GUIMARAES, CELIO CARDOSO
QUEUING MODELS WITH APPLICATIONS TO SCHEDULING IN OPERATING SYSTEMS. (PH.D. 1973 CASE WESTERN RESERVE UNIVERSITY) 123p. 34/12-B, p. 5942 BLE74-02518

GUINN, JOHN ROBERT, JR.
EXPERIMENTAL AND DIGITAL COMPUTER APPROACHES TO THE DESIGN OF A UNIDIRECTIONAL HIGH-FREQUENCY SPIRAL ANTENNA. (PH.D. 1960 THE UNIVERSITY OF TEXAS AT AUSTIN) 257p. 21/06, p. 1503 BLE60-04642

GUINN, THEODORE
ON FIRST ORDER NECESSARY CONDITIONS FOR VARIATIONAL AND OPTIMAL CONTROL PROBLEMS. (PH.D. 1964 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 97p. 25/03, p. 1942 BLE64-09635

GULLERUD, ERNEST NORMAN
COGNITIVE REPRESENTATIONAL SYSTEMS: A CONCEPTUAL ANALYSIS OF DEVELOPMENTAL TRENDS ANTICIPATED IN COGNITIVE STRUCTURES DESIGNED TO INTERPRET MAN'S REALITY. (D.S.W. 1971 WASHINGTON UNIVERSITY) 149p. 32/04-A, p. 2198 BLE71-27372

GULLY, SOL WATSON
SYNTHESIS OF OBSERVERS FOR LINEAR MULTIVARIABLE CONTROL SYSTEMS. (PH.D. 1976 POLYTECHNIC INSTITUTE OF NEW YORK) 197p. 37/04-B, p. 1861 BLE76-23407

GUMM, ROBERT DUANE
AN ANALYSIS AND DEVELOPMENT OF A COMPUTER SCIENCE PROGRAM FOR USE IN SECONDARY SCHOOL MATHEMATICS. (ED.D. 1969 OKLAHOMA STATE UNIVERSITY) 151p. 31/08-A, p. 3899 BLE70-21402

GUNCKEL, THOMAS L., II
OPTIMUM DESIGN OF SAMPLED-DATA SYSTEMS WITH RANDOM PARAMETERS. (PH.D. 1961 STANFORD UNIVERSITY) 79p. 22/05, p. 1552 BLE61-04134

GUND, TAMARA MLADINEO
SYNTHESIS OF DIAMANTANE AND RELATED DIAMONDOID MOLECULES. COMPUTER ASSISTED GRAPHICAL ANALYSIS OF REARRANGEMENT MECHANISMS. (PH.D. 1974 PRINCETON UNIVERSITY) 319p. 35/11-B, p. 5330 BLE75-06641

GUNDA, RAJAMOULI
IDENTIFICATION OF NONLINEAR DYNAMICAL SYSTEMS BY A MODIFIED DIFFERENTIAL APPROXIMATION TECHNIQUE. (PH.D. 1971 OKLAHOMA STATE UNIVERSITY) 83p. 33/02-B, p. 740 BLE72-21879

GUNDERSON, DAVID AMMUND
THE IMPLICATIONS OF THE DATA-PROCESSING SERVICE CENTER INDUSTRY FOR EDUCATION AND BUSINESS. (PH.D. 1972 THE UNIVERSITY OF NORTH DAKOTA) 173p. 33/09-B, p. 4232 BLE73-05964

GUNN, MOIRA ANNE
ON THE DEVELOPMENT OF COMPUTER GRAPHIC DESIGN TOOLS FOR THE ENHANCEMENT OF CREATIVITY. (PH.D. 1974 PURDUE UNIVERSITY) 301p. 35/07-B, p. 3340 BLE74-28716

GUNNINGS, THOMAS SYLVESTER
THE EFFECT OF COMPUTERS ON THE LEGAL STATUS OF CONFIDENTIALITY AS RELATED TO PUBLIC SCHOOL COUNSELORS. (PH.D. 1969 UNIVERSITY OF OREGON) 183p. 30/11-A, p. 4773 BLE70-09434

GUPTA, NARESH NARAIN
THE DETERMINATION OF THE ORDER OF A LINEAR DIFFERENTIAL SYSTEM WITH NOISY OBSERVATIONS. (PH.D. 1971 POLYTECHNIC INSTITUTE OF NEW YORK) 102p. 32/05-B, p. 2706 BLE71-29056

GUPTA, PARVEEN K.
ON DATA-ANALYSIS OF A COMPUTERIZED RADAR SYSTEM. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 194p. 34/10-B, p. 4965 BLE73-28325

GUPTA, RAM KUMAR
PROGRAM REFERENCE BEHAVIOR AND DYNAMIC MEMORY MANAGEMENT. (D.SC. 1974 WASHINGTON UNIVERSITY) 213p. 36/01-B, p. 326 BLE75-14919

GUPTA, SURENDER K.
OPTIMAL STABILIZATION POLICY UNDER PRICE CONTROLS: AN APPLICATION OF OPTIMAL CONTROL TECHNIQUES TO ECONOMIC POLICY ANALYSIS. (D.SC. 1974 WASHINGTON UNIVERSITY) 236p. 36/01-B, p. 410 BLE75-14920

GURA, IRA ARTHUR
THE STABILITY OF NONLINEAR SYSTEMS IN THE REGION OF LINEAR DOMINANCE. (PH.D. 1964 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 144p. 25/11, p. 6655 BLE65-03592

GURURAJA, HOLAVANAHALLY VASUDEVACHAR
OPTIMAL CONTROL OF LINEAR SYSTEMS WITH RANDOM PARAMETER. (PH.D. 1969 UNIVERSITY OF MINNESOTA) 229p. 30/06-B, p. 2693 BLE69-20017

GURWITZ, DAVID ALLEN
AN INVESTIGATION OF COMPUTER DRIVEN DYNAMIC DISPLAY. (SC.D. 1970 WASHINGTON UNIVERSITY) 263p. 31/07-B, p. 4041 BLE70-26901

GUSTAFSON, GEORGE A.; KANE, ROBERT M.
A SYSTEM APPROACH TO THE DESIGN AND RE-DESIGN OF TEACHER PREPARATION PROGRAMS. (PH.D. 1973 UNITED STATES INTERNATIONAL UNIVERSITY) 110p. 34/04-A, p. 1751 **BLE73-22669**

GUSTAFSON, RICHARD ALEXANDER
A RANDOMIZED COMBINATORIAL FILE STRUCTURE FOR STORAGE AND RETRIEVAL SYSTEMS. (PH.D. 1970 UNIVERSITY OF SOUTH CAROLINA) 95p. 31/04-B, p. 1893 **BLE70-19596**

GUSTAVSON, FRED GEHRUNG
THE STABILITY OF PERIODIC RESPONSE OF AN ON-OFF CONTROL SYSTEM TO SINUSOIDAL INPUTS. (PH.D. 1963 RENSSELAER POLYTECHNIC INSTITUTE) 126p. 25/01, p. 386 **BLE64-05975**

GUTKNECHT, WILLIAM FREDERICK
THE NUMERICAL DECONVOLUTION OF OVERLAPPING ELECTROANALYTICAL DATA WITH AN ON-LINE DIGITAL COMPUTER. (PH.D. 1970 PURDUE UNIVERSITY) 285p. 33/09-B, p. 4163 **BLE73-06141**

GUVENC, MUSTAFA G.
COMPUTER ANALYSIS OF ZERO BIAS SCHOTTKY BARRIER VARICAP DIODES WITH NONUNIFORM IMPURITY PROFILE. (PH.D. 1975 CASE WESTERN RESERVE UNIVERSITY) 186p. 37/01-B, p. 383 **BLE76-16046**

GUY, WARREN JOSEPH, JR.
OSCILLATIONS IN PULSE FREQUENCY MODULATED CONTROL SYSTEMS. (D.ENG.SC. 1970 NEW JERSEY INSTITUTE OF TECHNOLOGY) 274p. 32/03-B, p. 1566 **BLE71-22156**

H

HAAS, JOHN THOMAS
AN ECONOMIC ANALYSIS OF THE EFFECTS OF OPTIMIZING HOG SHIPMENT PATTERNS AND MARKET STRUCTURE ON THE EFFICIENCY OF A COUNTRY HOG MARKETING SYSTEM. (PH.D. 1972 UNIVERSITY OF MARYLAND) 154p. 34/01-A, p. 39 **BLE73-17037**

HAAS, WILLIAM JAMES
THE DESIGN AND USE OF SYSTEMS MODELS IN HISTORY TEACHING. (ED.D. 1974 UNIVERSITY OF KANSAS) 138p. 35/09-A, p. 5886 **BLE75-06134**

HABAYEB, ABDUL RAZZAQ
PULSED CONTROL SYSTEMS AND PULSE MODULATORS. (PH.D. 1963 UNIVERSITY OF KANSAS) 239p. 25/03, p. 1816 **BLE64-08497**

HABERFELD, JOSEPH LENNARD
SPECIALIZED APPLICATIONS OF THERMAL ANALYSIS. I. CHARACTERIZATION OF CROSSLINKED POLYETHYLENES. II. MULTICOMPONENT LIQUID CRYSTAL SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF CONNECTICUT) 215p. 36/02-B, p. 750 **BLE75-16514**

HABOUSH, ROGER KENT
STATISTICAL THEORY OF PATTERN RECOGNITION. (PH.D. 1971 WAYNE STATE UNIVERSITY) 97p. 32/11-B, p. 6723 **BLE72-14564**

HACK, THOMAS GEORGE
SUFFICIENT CONDITIONS IN THE THEORY OF OPTIMAL CONTROL AND DIFFERENTIAL GAMES. (PH.D. 1970 PURDUE UNIVERSITY) 158p. 31/08-B, p. 4839 **BLE71-02611**

HACKMAN, GEOFFREY JAMES
AN INTEGRATED ANALYSIS OF THE HINDI TENSE AND ASPECT SYSTEM. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 248p. 37/05-A, p. 2830 **BLE76-24094**

HADDAD, EMILE K.
AN INVESTIGATION OF THE STABILITY OF NONLINEAR FEEDBACK SYSTEMS. (PH.D. 1969 GEORGIA INSTITUTE OF TECHNOLOGY) 150p. 30/12-B, p. 5496 **BLE69-19790**

HADJIOANNOU, MICHAEL
ACYCLIC PARALLEL PROGRAM SCHEMATA. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 303p. 36/02-B, p. 815 **BLE75-16782**

HADLEY, DAVID JEFFERY
ROLE ORIENTATIONS AND ROLL-CALL VOTING: A COMPUTER SIMULATION ANALYSIS OF THE INDIANA HOUSE OF REPRESENTATIVES. (PH.D. 1974 INDIANA UNIVERSITY) 511p. 35/04-A, p. 2353 **BLE74-22736**

HADLOCK, CHARLES ROBERT
SINGULAR PERTURBATIONS OF A CLASS OF TWO POINT BOUNDARY VALUE PROBLEMS ARISING IN OPTIMAL CONTROL. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 122p. 31/12-B, p. 7425 **BLE71-14774**

HAEUSSLER, RUDOLF LORENZ
ON THE SUB-OPTIMAL DESIGN OF NONLINEAR CONTROL SYSTEMS. (PH.D. 1964 PURDUE UNIVERSITY) 101p. 25/02, p. 1099 **BLE64-08665**

HAFEZ, KHALED MOHAMMAD
NEW RESULTS ON DISCRETE-TIME TIME-VARYING LINEAR SYSTEMS. (PH.D. 1975 GEORGIA INSTITUTE OF TECHNOLOGY) 94p. 36/09-B, p. 4584 **BLE75-28207**

HAGEN, DONALD LEWIS
ADAPTIVE CONTROL OF DIGITAL COMMUNICATION SYSTEMS BASED ON ERROR DETECTION AND CORRECTION TECHNIQUES. (PH.D. 1968 UNIVERSITY OF PENNSYLVANIA) 191p. 30/03-B, p. 1127 **BLE69-15062**

HAGEN, JOHN WILLIAM
A DEVELOPMENTAL STUDY OF TASK-RELEVANT AND TASK-IRRELEVANT INFORMATION PROCESSING UNDER DISTRACTION AND NONDISTRACTION CONDITIONS. (PH.D. 1965 STANFORD UNIVERSITY) 76p. 26/11, p. 6869 **BLE66-02563**

HAGERTY, NANCY K. DAINES
DEVELOPMENT AND IMPLEMENTATION OF A COMPUTER MANAGED INSTRUCTION SYSTEM IN GRADUATE TRAINING. (PH.D. 1970 THE FLORIDA STATE UNIVERSITY) 172p. 31/09-B, p. 5308 **BLE71-07024**

HAGIN, ELBERT JOHN
AN INVESTIGATION OF HIGHER ORDER SERVO SYSTEMS WITH A NON-LINEAR COMPUTER USING PHASE SPACE TECHNIQUES. (PH.D. 1956 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 170p. 16/05, p. 930 **BLE00-16397**

HAHN, BRIAN KEITH
COMPUTER-BASED COULOSTATIC SYSTEM FOR ELECTROCHEMICAL ANALYSIS. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 190p. 36/01-B, p. 191 **BLE75-14743**

HAHN, DAVID RAY
OPTIMAL CONTROL OF A CLASS OF DISTRIBUTED PARAMETER PROCESSES. (PH.D. 1969 KANSAS STATE UNIVERSITY) 187p. 30/06-B, p. 2721 **BLE69-21126**

HALACHMI, BARUCH
DIFFUSION APPROXIMATIONS TO MULTI-SERVER QUEUEING SYSTEMS. (PH.D. 1974 UNIVERSITY OF MINNESOTA) 83p. 35/12-B, p. 5845 **BLE75-12076**

HALEY, PAUL HUNTER
DESIGN OF LOW-ORDER FEEDBACK CONTROLLERS FOR LINEAR MULTIVARIABLE SYSTEMS. (PH.D. 1967 STANFORD UNIVERSITY) 102p. 28/07-B, p. 2844 **BLE67-17431**

HALEY, RICHARD L.
GENERATION OF LIAPUNOV FUNCTIONS FOR CERTAIN CLASSES OF NONLINEAR SYSTEMS. (PH.D. 1963 UNIVERSITY OF PENNSYLVANIA) 103p. 25/01, p. 358 **BLE64-07375**

HALKIN, HUBERT
ON THE NECESSARY CONDITION FOR OPTIMAL CONTROL OF NONLINEAR SYSTEMS. (PH.D. 1963 STANFORD UNIVERSITY) 114p. 24/07, p. 2923 **BLE64-01611**

HALL, DALE JUNIOR
AN EXPLORATORY STUDY OF SELF-INSTRUCTIONAL TEXT AND LECTURE SYSTEMS OF TEACHING FORTRAN COMPUTER PROGRAMMING. (ED.D. 1965 INDIANA UNIVERSITY) 157p. 26/09, p. 5231 **BLE65-14040**

HALL, JACQUELYN HOGUE
COMPUTER CONTENT ANALYSIS AS A TECHNIQUE FOR STUDYING COLLEGE STUDENT CHARACTERISTICS: A METHODOLOGICAL INVESTIGATION. (PH.D. 1973 UNIVERSITY OF MARYLAND) 123p. 34/11-A, p. 6975 **BLE74-09793**

HALL, OWEN PARSON, JR.
REGIONAL POLICY ANALYSIS BY COMPUTER SIMULATION: AN ECONOMIC, DEMOGRAPHIC AND ENVIRONMENTAL STUDY OF THE LOS ANGELES SMSA. (PH.D. 1974 UNIVERSITY OF SOUTHERN CALIFORNIA) 307p. 35/02-A, p. 1236 **BLE74-17348**

HALL, ROBERT EUGENE
AN EVALUATION MODEL FOR COMPUTER-BASED EDUCATIONAL MANAGEMENT INFORMATION SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF NEW MEXICO) 226p. 34/06-A, p. 2965 **BLE73-27794**

HALL, WILLIAM FRANKLIN, JR.
A SYSTEMS ANALYSIS OF THE CITY COURT OF BUFFALO. (PH.D. 1972 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 352p. 33/04-B, p. 1584 **BLE72-27251**

HALL, WILTON EARL, JR.
COMPUTATIONAL METHODS FOR THE SYNTHESIS OF ROTARY-WING VTOL AIRCRAFT CONTROL SYSTEMS. (PH.D. 1971 STANFORD UNIVERSITY) 257p. 32/10-B, p. 5752 **BLE72-11564**

HALLAM, STEPHEN FRANCIS
AN INVESTIGATION OF THE OBJECTIVES AND CONSTRAINTS OF ELECTRONIC DATA-PROCESSING DEPARTMENTS. (PH.D. 1973 THE UNIVERSITY OF IOWA) 241p. 35/01-A, p. 30 **BLE74-16631**

HALLER, MITCHELL WALL, JR.
X-RAY RESIDUAL STRESS ANALYSIS OF A DENTAL GOLD - PROCELAIN SYSTEM. (PH.D. 1971 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 109p. 32/03-B, p. 1521 **BLE71-24328**

HALLQUIST, ROY STUART
DYNAMIC STORAGE ALLOCATION. (PH.D. 1973 THE UNIVERSITY OF NEBRASKA - LINCOLN) 194p. 34/07-B, p. 3200 **BLE74-00604**

HALLYBURTON, JOHN CAMP, JR.
ADVANCED DATA STRUCTURE MANIPULATION FACILITIES FOR THE SNOBOL4 PROGRAMMING LANGUAGE. (PH.D. 1974 THE UNIVERSITY OF ARIZONA) 177p. 35/04-B, p. 1613 **BLE74-23370**

HALSTEAD, WILLIAM ROBERT
DEVELOPMENT AND IMPLEMENTATION OF A GENERALIZED INTERACTIVE MANAGEMENT INFORMATION AND ANALYSIS SYSTEM. (PH.D. 1973 THE FLORIDA STATE UNIVERSITY) 158p. 35/02-A, p. 754 **BLE74-17993**

HAMAD, ABDELRAHMAN TAWFIG
IMPROVEMENT OF POWER SYSTEM TRANSIENT STABILITY USING OPTIMAL CONTROL OF NETWORK PARAMETERS. (PH.D. 1975 THE UNIVERSITY OF WISCONSIN - MADISON) 180p. 37/01-B, p. 384 **BLE76-08587**

HAMBURGER, HENRY JAMES
ON THE LEARNING OF THREE CLASSES OF TRANSFORMATIONAL COMPONENTS. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 147p. 32/08-B, p. 4530 **BLE72-04889**

HAMID, MOHAMMED KHALIL
PRICE AND OUTPUT DECISIONS IN THE COMPUTER INDUSTRY. (PH.D. 1966 THE UNIVERSITY OF IOWA) 242p. 27/05-A, p. 1169 **BLE66-07206**

HAMIDI, MASSIH
OPTIMAL CONTROL LOCATION FOR PARTIAL DIFFERENTIAL EQUATIONS. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 84p. 36/09-B, p. 4655 **BLE76-03039**

HAMILTON, WILLIAM EUGENE, JR.
ON THE SOLUTION OF OPTIMAL CONTROL PROBLEMS WITH STATE VARIABLE INEQUALITY CONSTRAINTS. (PH.D. 1970 PURDUE UNIVERSITY) 167p. 31/04-B, p. 1962 **BLE70-18655**

HAMLIN, GRIFFITH ASKEW, JR.
CONFIGURABLE APPLICATIONS FOR SATELLITE GRAPHICS. (PH.D. 1975 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 159p. 37/03-B, p. 1335 **BLE76-20032**

HAMMELL, THOMAS JAMES
CODING STRATEGY AND SHORT-TERM MEMORY LOAD: THEIR EFFECT ON THE INFORMATION PROCESSING RATE. (PH.D. 1974 THE UNIVERSITY OF CONNECTICUT) 125p. 35/04-B, p. 1938 **BLE74-21782**

HAMMOND, JAMES JACOB
THEORETICAL AND COMPUTER SIMULATION CONSIDERATIONS OF THE VARIETY DIALLEL AND RELATED POPULATIONS. (PH.D. 1970 THE UNIVERSITY OF NEBRASKA - LINCOLN) 130p. 31/04-B, p. 1653 **BLE70-17722**

HAMMOND, MARTIN HARVEY, JR.
OPTIMUM FINITE SEQUENTIAL PATTERN RECOGNITION USING THE MAXIMUM PRINCIPLE OF PONTRYAGIN. (PH.D. 1968 THE OHIO STATE UNIVERSITY) 117p. 29/03-B, p. 1005 **BLE68-12842**

HAMMOND, WILLIAM EDWARD, II
THE DESIGN AND ANALYSIS OF A CORRELATION DATA PROCESSING SYSTEM. (PH.D. 1967 DUKE UNIVERSITY) 399p. 29/02-B, p. 609 **BLE68-11690**

HAMRIN, JEANNIE MARION
INFORMATION-PROCESSING MODELS FOR ADDITION, SUBTRACTION, AND MULTIPLICATION IN THE MENTALLY RETARDED AND NON-RETARDED. (ED.D. 1974 COLUMBIA UNIVERSITY TEACHERS COLLEGE) 135p. 35/10-B, p. 5155 **BLE75-07837**

HAMROCK, JOSEPHINE STEPHANIE
A COMPARISON OF TWO METHODS OF TEACHING FORTRAN PROGRAMMING IN AN UNDERGRADUATE MATHEMATICS CLASS. (PH.D. 1974 PURDUE UNIVERSITY) 173p. 35/06-A, p. 3297 **BLE74-26717**

HAN, SHIH-PING
SUPERLINEARLY CONVERGENT VARIABLE METRIC ALGORITHMS FOR GENERAL NONLINEAR PROGRAMMING PROBLEMS. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 112p. 35/09-B, p. 4417 **BLE74-28803**

HANAFY, LAWRENCE MICHAEL
A TRANSFORMATION APPROACH TO OPTIMAL CONTROL PROBLEMS WITH BOUNDED STATE VARIABLES. (PH.D. 1971 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 65p. 32/03-B, p. 1703 **BLE71-24329**

HANDLER, HOWARD
HIGH-SPEED MONTE CARLO TECHNIQUE FOR HYBRID-COMPUTER SOLUTION OF PARTIAL DIFFERENTIAL EQUATIONS. (PH.D. 1967 THE UNIVERSITY OF ARIZONA) 189p. 27/12-B, p. 4393 **BLE67-06932**

HANEY, FREDERICK MARION
USING A COMPUTER TO DESIGN COMPUTER INSTRUCTION SETS. (PH.D. 1968 CARNEGIE-MELLON UNIVERSITY) 248p. 29/06-B, p. 2105 **BLE68-17651**

HANNA, WILLIAM AZIZ
REGISTER-TRANSFER-LEVEL DESIGN AND SOFTWARE SIMULATION OF A PARALLEL PROCESSOR (THE THREE-DIMENSIONAL COMPUTER). (PH.D. 1974 MONTANA STATE UNIVERSITY) 362p. 35/03-B, p. 1257 **BLE74-18300**

HANNAH, MARSHA JO
COMPUTER MATCHING OF AREAS IN STEREO IMAGES. (PH.D. 1974 STANFORD UNIVERSITY) 134p. 35/06-B, p. 2699 **BLE74-27032**

HANNEN, RUSSELL ANDREW
ADAPTIVE CONTROL SYSTEMS USING SINUSOIDAL TEST SIGNALS. (PH.D. 1960 THE OHIO STATE UNIVERSITY) 60p. 21/04, p. 829 **BLE60-04092**

HANSEN, GILBERT JOSEPH
ADAPTIVE SYSTEMS FOR THE DYNAMIC RUN-TIME OPTIMIZATION OF PROGRAMS. (PH.D. 1974 CARNEGIE-MELLON UNIVERSITY) 179p. 35/03-B, p. 1231 **BLE74-20364**

HANSEN, WILFRED JAMES
CREATION OF HIERARCHIC TEXT WITH A COMPUTER DISPLAY. (PH.D. 1971 STANFORD UNIVERSITY) 140p. 32/08-B, p. 4531 **BLE72-05922**

HANSEN, WILLIAM A.
A COMPUTER CALCULATION OF THE HOMOLOGY OF THE LAMBDA-ALGEBRA. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 179p. 35/06-B, p. 2881 **BLE74-28637**

HANSON, ALLEN RALPH
ADAPTIVE SYSTEMS FOR PREDICTION PROBLEMS. (PH.D. 1969 CORNELL UNIVERSITY) 169p. 30/12-B, p. 5496 **BLE70-05968**

HANSON, DONALD ALAN
OPTIMALLY SENSITIVE STOCHASTIC-CONTROL WITH REGIONAL DEVELOPMENT PLANNING APPLICATIONS. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 123p. 34/01-B, p. 219 **BLE73-17551**

HANSON, KLAUS DIETER
THEOBALD HOECK: "SCHOENES BLUMENFELD" (1601). NEUE BIOGRAPHISCHE MATERIALIEN SOWIE KRITISCHE ERLAEUTERUNGEN ZU METRIK, REIM, WORTBESTAND UND BESONDERS DEN BETONUNGS- UND AUSSPRACHEEIGEN-HEITEN DES DICHTERS UNTER ZUHILFENAHME EINES DURCH COMPUTER ERSTELLTEN WORT- UND REIMINDEXES. (GERMAN TEXT). (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 653p. 34/01-A, p. 274 **BLE73-17552**

HAQ, MOHAMMED INAM UL
SECURITY IN A STATISTICAL DATA-BASE. (PH.D. 1973 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 109p. 34/05-B, p. 1974 **BLE73-27011**

HAQUE, WAHIDUL
MATHEMATICAL PROGRAMMING IN ALLOCATION OVER TIME. (PH.D. 1964 STANFORD UNIVERSITY) 155p. 25/02, p. 924 **BLE64-07648**

HARALICK, ROBERT MARTIN
MULTI-IMAGE PATTERN RECOGNITION: IDEAS AND RESULTS. (PH.D. 1969 UNIVERSITY OF KANSAS) 217p. 30/12-B, p. 5497 **BLE70-11027**

HARBECK, DAVID JEROME
AN AUTOMATED DATA-PROCESSING SYSTEM IN ADMISSIONS AT THE UNIVERSITY OF NORTHERN COLORADO. (PH.D. 1972 UNIVERSITY OF NORTHERN COLORADO) 123p. 33/07-B, p. 3178 **BLE73-00274**

HARBOR, ROYCE DALTON
A STATE-VARIABLE APPROACH TO INPUT-OUTPUT ANALYSIS FOR TWO CLASSES OF MULTIVARIABLE DISCRETE-DATA-FEEDBACK SYSTEMS HAVING NON-CONVENTIONAL SAMPLING PATTERNS. (PH.D. 1972 MISSISSIPPI STATE UNIVERSITY) 115p. 33/07-B, p. 3075 **BLE73-00174**

HARDGRAVE, WALTER TERRY
THEORETICAL ASPECTS OF BOOLEAN OPERATIONS ON TREE STRUCTURES AND IMPLICATIONS FOR GENERALIZED DATA MANAGEMENT. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 116p.
33/09-B, p. 4233 **BLE73-07561**

HARDING, LARRY GLADWIN
THE DEVELOPMENT OF A COMPUTER MANAGED INSTRUCTIONAL (CMI) SYSTEM IN NAVAL AIR TECHNICAL TRAINING. (ED.D. 1971 THE UNIVERSITY OF TENNESSEE) 191p.
32/05-A, p. 2483 **BLE71-29468**

HARDING, WILLIAM JAMES
HARDWARE-CONTROLLED MEMORY HIERARCHIES AND THEIR PERFORMANCE. (PH.D. 1975 ARIZONA STATE UNIVERSITY) 239p.
36/10-B, p. 5141 **BLE76-09158**

HARDWICK, ARTHUR LEE
THE FEASIBILITY OF ESTABLISHING A PROGRAM TO TRAIN COMPUTER PROGRAMMERS UTILIZING A TIME-SHARING SYSTEM AND REMOTE DATA-COMMUNICATIONS TRANSMISSION TERMINALS. (ED.D. 1967 OKLAHOMA STATE UNIVERSITY) 182p.
28/12-A, p. 4820 **BLE68-08416**

HARE, THOMAS MICHAEL
FREE-ENERGY, DENSITY AND MODEL CONSTRUCTION BY COMPUTER IN THE ALKALI-BORATE GLASSES. (PH.D. 1973 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 262p.
34/01-B, p. 118 **BLE73-15673**

HARGER, ROBERT OWENS
THE OPTIMIZATION OF SOME NOISY NONLINEAR SYSTEMS. (PH.D. 1961 THE UNIVERSITY OF MICHIGAN) 118p. 22/07, p. 2334 **BLE61-06380**

HARGROVE, ANDREW
DESIGN OF OPTIMAL DIGITAL CONTROLS FOR POWER SYSTEMS. (PH.D. 1975 THE PENNSYLVANIA STATE UNIVERSITY) 160p.
37/02-B, p. 905 **BLE76-17173**

HARLESS, WILLIAM GLENN
THE USE OF COMPUTER-ASSISTED INSTRUCTION TO TEST THE TOTAL TIME HYPOTHESIS IN VERBAL CONCEPT LEARNING. (PH.D. 1969 THE UNIVERSITY OF OKLAHOMA) 74p.
29/10-A, p. 3524 **BLE69-06000**

HARLEY, CAROLYN ANN WEYAND
INHIBITORY CONTROL OF ATTENTION AND THE HIPPOCAMPUS: TESTS OF THEORY. (PH.D. 1973 UNIVERSITY OF OREGON) 134p.
34/09-B, p. 4696 **BLE74-06831**

HARMS, DENNIS WALTER
A DIRECT METHOD BASED ON PROJECTIONS FOR SOLVING SYSTEMS OF LINEAR-EQUATIONS. (PH.D. 1974 IOWA STATE UNIVERSITY) 69p.
35/05-B, p. 2305 **BLE74-23736**

HARO, MICHAEL SAMUEL
A SYSTEMS BASED DIAGNOSTIC/PRESCRIPTIVE CONSULTATION INSTRUMENT FOR SECONDARY SCHOOL HEALTH EDUCATION PROGRAMS. (PH.D. 1976 KENT STATE UNIVERSITY) 152p.
37/05-A, p. 2656 **BLE76-25366**

HARPELL, JOHN LLEWELLYN, JR.
A CRITICAL EXAMINATION AND EVALUATION OF THE CHANGING ROLE OF OPERATIONS RESEARCH, 1942-1972. (D.B.A. 1974 GEORGIA STATE UNIVERSITY - SCHOOL OF BUSINESS ADMINISTRATION) 408p.
35/11-A, p. 6878 **BLE75-10767**

HARPER, NANCY LEA BROWN
THE ROLE OF IMAGERY IN EDMUND BURKE'S "REFLECTIONS ON THE REVOLUTION IN FRANCE" (A COMPUTER-ASSISTED ANALYSIS). (PH.D. 1973 THE UNIVERSITY OF IOWA) 422p.
34/09-A, p. 6153 **BLE74-07381**

HARRIES, NANCY GARRISON
THE EFFECT OF A PROGRAMMED COURSE OF INSTRUCTION ON THE DEVELOPMENT OF INFORMATION-PROCESSING COMPETENCE AND DECISION-MAKING STYLES. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 182p.
33/09-B, p. 4366 **BLE73-05391**

HARRIES, THOMAS EDWARD
HUMAN INFORMATION PROCESSING, LOCUS OF PERCEIVED CONTROL, AND INTRINSIC-EXTRINSIC MOTIVATION AS RELATED TO SUCCESS AND ATTITUDE IN A PROGRAMMED COURSE OF INSTRUCTION. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 219p. 33/09-A, p. 5035 **BLE73-05392**

HARRIS, CLIFF ANDREW
THE CONTROL OF NONLINEAR STOCHASTIC CONTROL SYSTEMS UNDER DISCOUNTED PERFORMANCE CRITERIA. (PH.D. 1970 THE UNIVERSITY OF ARIZONA) 140p.
31/07-B, p. 4042 **BLE71-02490**

HARRIS, DAVID REED
GOLDA, A GRAPHICAL, ON-LINE SYSTEM FOR DATA ANALYSIS. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 274p. 33/08-B, p. 3596 **BLE73-02014**

HARRIS, EDWARD V.
A MAN-MACHINE INTERACTIVE OPERATIONS RESEARCH PACKAGE FOR EDUCATIONAL ADMINISTRATORS. (PH.D. 1971 THE FLORIDA STATE UNIVERSITY) 161p. 32/12-A, p. 6824 **BLE72-16687**

HARRIS, GEORGE HENRY
THE IDENTIFICATION OF NONLINEAR SYSTEMS WITH TWO-LEVEL INPUTS. (PH.D. 1966 PRINCETON UNIVERSITY) 186p. 27/11-B, p. 3912 **BLE67-05724**

HARRIS, GILBERT JAY
INTERTASK EXPLORATIONS WITH A COMPUTER SIMULATION MODEL OF SHORT-TERM MEMORY. (PH.D. 1970 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 334p. 31/09-B, p. 5662 **BLE71-06073**

HARRIS, JAMES CLYDE
PROCEDURES FOR THE ANALYSIS AND SYNTHESIS OF PULSE-WIDTH MODULATED CONTROL SYSTEMS. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 237p. 29/12-B, p. 4655 **BLE69-00924**

HARRIS, JAMES EDWARD
A STUDY OF ELECTRONIC DATA PROCESSING APPLICATIONS IN SELECTED SCHOOL SYSTEMS IN KANSAS. (ED.D. 1970 UNIVERSITY OF KANSAS) 94p.
31/11-A, p. 5702 **BLE71-13396**

HARRIS, JO ANN EVELYN
ANALYSIS OF THE EFFECTS OF A COMPUTER-BASED VOCATIONAL INFORMATION SYSTEM ON SELECTED ASPECTS OF VOCATIONAL PLANNING. (ED.D. 1972 NORTHERN ILLINOIS UNIVERSITY) 147p.
33/08-A, p. 4089 **BLE73-04171**

HARRIS, LARRY RONALD
A MODEL FOR ADAPTIVE PROBLEM-SOLVING APPLIED TO NATURAL-LANGUAGE ACQUISITION. (PH.D. 1972 CORNELL UNIVERSITY) 220p.
33/09-B, p. 4233 **BLE73-05852**

HARRIS, RICHARD ALLEN
A COMPUTER INVESTIGATION OF EXACT SOLUTIONS OF THE EINSTEIN EQUATIONS IN GENERAL RELATIVITY. (PH.D. 1974 NEW MEXICO STATE UNIVERSITY) 167p. 35/07-B, p. 3444 **BLE75-00052**

HARRIS, WILLIAM ASHTON, JR.
A BOUNDARY VALUE PROBLEM FOR A SYSTEM OF ORDINARY LINEAR DIFFERENTIAL EQUATIONS INVOLVING POWERS OF A PARAMETER. (PH.D. 1958 UNIVERSITY OF MINNESOTA) 140p.
19/04, p. 823 **BLE58-03535**

HARRISON, FREDERICK ROLAND
A COMPUTER SYSTEM FOR REAL-TIME RECOGNITION OF MOVING APPLIANCE PARTS. (D.ENG. 1974 LAMAR UNIVERSITY) 177p.
35/04-B, p. 1663 **BLE74-20687**

HARRISON, HOWARD RANDOLPH
THE DEVELOPMENT OF A COMPUTERIZED MANAGEMENT INFORMATION SYSTEM FOR THE RETRIEVAL AND ANALYSIS OF PROGRAM COSTS IN A UNIFIED DISTRICT. (ED.D. 1973 UNIVERSITY OF SOUTHERN CALIFORNIA) 109p.
34/07-A, p. 3756 **BLE74-00918**

HARRISON, MICHAEL ALEXANDER
COMBINATORIAL PROBLEMS IN BOOLEAN ALGEBRAS AND APPLICATIONS TO THE THEORY OF SWITCHING. (PH.D. 1963 THE UNIVERSITY OF MICHIGAN) 149p. 24/06, p. 2498 **BLE64-00823**

HARRISON, WILLIAM THOMAS
THE DEVELOPMENT AND APPLICATION OF AN AUDIO TAPE EVALUATION METHODOLOGY FOR THE ARIZONA DIAL-A-TAPE MEDICAL INFORMATION SYSTEM. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 103p. 35/11-A, p. 6939 **BLE75-11365**

HARSH, STEPHEN BRUCE
DESIGN AND APPLICATION OF A COMPUTERIZED FARM COST ACCOUNTING SYSTEM. (PH.D. 1969 CORNELL UNIVERSITY) 122p.
30/09-A, p. 3597 **BLE70-00508**

HART, RICHARD DRAKE
AN INFORMATION PROCESSING MODEL OF THE DETECTION AND USE OF FORM PROPERTIES. (PH.D. 1964 THE UNIVERSITY OF TEXAS AT AUSTIN) 258p.
25/09, p. 5400 **BLE65-04321**

HARTER, WALTER GEORGE
THE COMPUTER AND LINEAR PROGRAMMING AS IMPORTANT INSTRUMENTS FOR DECISION-MAKING ASSISTANCE FOR FARMERS. (PH.D. 1967 THE OHIO STATE UNIVERSITY) 186p.
28/12-A, p. 4786 **BLE68-08832**

HARTLEY, RONALD VERNON
THE ROLE OF THE ACCOUNTANT IN OPERATIONS RESEARCH. (PH.D. 1967 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 290p.
28/12-A, p. 4752 **BLE68-08101**

HARTMAN, RICHARD JOHN
COMPARATIVE BRACING SYSTEMS AND THEIR INFLUENCE ON THE PLASTIC DESIGN OF MULTISTORY STEEL FRAMES. (VOLUMES I AND II). (PH.D. 1972 DREXEL UNIVERSITY) 406p.
33/04-B, p. 1537 **BLE72-24684**

HARTMAN, STEVEN LEE
VERB CONJUGATION IN THE PROSE OF ALFONSO X: A COMPUTER-AIDED STUDY. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 121p.
32/08-A, p. 4591 **BLE72-02009**

HARTMANN, ALFRED CLYDE
A CONCURRENT PASCAL COMPILER FOR MINICOMPUTERS. (PH.D. 1976 CALIFORNIA INSTITUTE OF TECHNOLOGY) 205p.
36/09-B, p. 4584 **BLE76-06530**

HARTRUM, THOMAS CHARLES
COMPUTER IMPLEMENTATION OF A PARAMETRIC MODEL FOR BIPED LOCOMOTION KINEMATICS. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 276p.
34/05-B, p. 1994 **BLE73-26832**

HARTSON, H. REX
LANGUAGES FOR SPECIFYING PROTECTION REQUIREMENTS IN DATA BASE SYSTEMS–A SEMANTIC MODEL. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 246p. 36/08-B, p. 4070 **BLE76-03444**

HARTWELL, JOHN WILLIAM
A PROCEDURE FOR IMPLEMENTING THE FAST FOURIER TRANSFORM ON SMALL COMPUTERS. (PH.D. 1971 DUKE UNIVERSITY) 152p.
32/06-B, p. 3355 **BLE72-00320**

HARTWIG, RONALD CRAIG
DESIGN OF STOCHASTIC LINEAR CONTROL SYSTEMS ACCORDING TO CUMULANT BASED PERFORMANCE CRITERIA. (PH.D. 1976 TEXAS TECH UNIVERSITY) 58p. 37/05-B, p. 2420 **BLE76-23686**

HARUNOGLU, IBRAHIM SERVET
CONTROL OF LINEAR-SYSTEMS WITH INCOMPLETE MEASUREMENTS AND PERSISTENT DISTURBANCES. (PH.D. 1973 NORTHWESTERN UNIVERSITY) 70p.
34/06-B, p. 2619 **BLE73-30611**

HARVEY, AUBREY EATON, III
A STUDY OF SIMULATION MODELING IN THE DESIGN OF A COMPREHENSIVE HEALTH CARE SYSTEM. (PH.D. 1974 UNIVERSITY OF ARKANSAS) 171p.
35/06-B, p. 2764 **BLE74-28128**

HASDORFF, LAWRENCE
SOLUTION OF OPTIMAL CONTROL PROBLEMS BY ITERATIVE METHODS. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, BERKELEY) 127p.
26/02, p. 951 **BLE65-08182**

HASEMAN, WILLIAM DAVID
FRAMEWORK FOR A PLANNING INFORMATION SYSTEM. (PH.D. 1975 PURDUE UNIVERSITY) 194p.
36/07-A, p. 4087 **BLE76-00535**

HASH, LARRY JOSEPH
ON PATTERN RECOGNITION AS APPLIED TO IRREGULAR PATTERN CLASSIFICATION. (PH.D. 1969 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 99p. 30/04-B, p. 1683 **BLE69-16836**

HASSLER, EDWIN BERNARD, JR.
EDITING COMPILERS, THEIR FEASIBILITY AND EFFECTS. (PH.D. 1966 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 110p.
27/11-B, p. 3936 **BLE67-06625**

HASTINGS, MARGARET ANN RENTON
FEATURE SELECTION: THE EFFECT OF CLUSTER SEPARATION, ATTRIBUTE VARIABILITY, AND PRESENTATION FORMAT UPON VISUAL PATTERN RECOGNITION. (PH.D. 1971 TEXAS CHRISTIAN UNIVERSITY) 251p. 32/06-B, p. 5479 **BLE72-08485**

HATCH, LOREN LORENZO
SYSTEMS ANALYSIS APPROACH TO MEDICAL SCHOOL CURRICULUM: AN ATTITUDINAL SURVEY OF SELECTED MEDICAL FACULTY MEMBERS. (PH.D. 1975 MICHIGAN STATE UNIVERSITY) 130p.
36/12-A, p. 7835 **BLE76-12455**

HATCHER, JULIAN SOMMERVILLE
ON SOME ASPECTS OF MODEL-REFERENCED ADAPTIVE AUTOMATIC CONTROL SYSTEMS. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 115p. 26/01, p. 269 **BLE65-06960**

HATCHETT, HAROLD WILLIAM
A PROPOSED COMPUTER-CONTROLLED RANDOM ACCESS STORAGE AND RETRIEVAL SYSTEM FOR MONOCHROMATIC MOVING PICTORIALS. (PH.D. 1971 THE UNIVERSITY OF ROCHESTER) 158p.
32/10-B, p. 5898 **BLE72-10798**

HATFIELD, GORDON BLAINE
THE MATHEMATICAL THEORY OF OPTIMAL WATER QUALITY CONTROL. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 176p.
33/08-B, p. 3696 **BLE73-01701**

HATFIELD, LARRY LEE
COMPUTER-ASSISTED MATHEMATICS: AN INVESTIGATION OF THE EFFECTIVENESS OF THE COMPUTER USED AS A TOOL TO LEARN MATHEMATICS. (PH.D. 1969 UNIVERSITY OF MINNESOTA) 256p.
30/10-A, p. 4329 **BLE70-05569**

HATLEY, WILLIAM THOMAS, JR.
COMPUTER SYNTHESIS OF WIDE-BAND IMPEDANCE-MATCHING NETWORKS. (PH.D. 1968 STANFORD UNIVERSITY) 106p. 29/02-B, p. 609 **BLE68-11305**

HAUER, JOHN FREDERICK
ON OPTIMAL CONTROL PROBLEMS HAVING TABULATED STATE-CONSTRAINT DATA. (PH.D. 1968 UNIVERSITY OF WASHINGTON) 234p.
30/02-B, p. 634 **BLE69-13565**

HAUGE, SHARON K.
AN INVESTIGATION OF NEAR-RINGS VIA DIGITAL COMPUTER. (PH.D. 1976 THE AMERICAN UNIVERSITY) 128p. 37/02-B, p. 799 **BLE76-18817**

HAUGH, CONNOR FRANCIS
SYNTHESIS OF CONTROLLERS FOR LINEAR MULTIVARIABLE SYSTEMS WITH CONSIDERATION OF PHYSICAL REALIZABILITY, SENSITIVITY, AND INTERACTION. (PH.D. 1961 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 77p.
22/10, p. 3579 **BLE62-00621**

HAUGHTON, KENNETH ELWOOD
SIMILAR MOTION OF MULTI-DEGREE OF FREEDOM NONLINEAR VIBRATING SYSTEMS WITH NONSYMMETRIC SPRINGS. (PH.D. 1964 UNIVERSITY OF CALIFORNIA, BERKELEY) 138p.
25/07, p. 4065 **BLE64-13016**

HAVIRA, ROBERT MARK
THE DESIGN OF QUANTIZED CONTROL SYSTEMS. (PH.D. 1970 THE PENNSYLVANIA STATE UNIVERSITY) 113p. 32/01-B, p. 292 **BLE71-16608**

HAWKINS, MICHAEL LEE
A PLAN FOR A CONTINUING SURVEY OF THE CHARACTERISTICS OF THE PUBLIC SCHOOL TEACHERS OF ARKANSAS USING MACHINE DATA PROCESSING PROCEDURES. (ED.D. 1963 UNIVERSITY OF ARKANSAS) 184p. 24/12, p. 5126 **BLE64-04139**

HAWKINS, PATRICK JOSEPH
A STABILITY STUDY OF NONLINEAR SAMPLED DATA SYSTEMS. (PH.D. 1966 THE OHIO STATE UNIVERSITY) 169p. 27/09-B, p. 3103 **BLE67-02466**

HAWKINS, TIMOTHY CRAIG
THE APPLICATION TO AIRCRAFT RECOGNITION OF PATTERN DESCRIPTIONS BASED ON GEOMETRICAL PARSING AND DESCRIPTION OF THE IMAGE BOUNDARY. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 389p. 36/03-B, p. 1313 **BLE75-19446**

HAWKINS, WARREN HENRY, JR.
A MODEL SYSTEM FOR THE ANALYSIS AND PREDICTION OF INSTRUCTIONAL PROGRAM COSTS IN A SMALL PRIVATE FOUR-YEAR COLLEGE. (ED.D. 1973 EAST TEXAS STATE UNIVERSITY) 165p.
34/11-A, p. 6900 **BLE74-11894**

HAWTHORNE, ROBERT WORTH
APPLICATION OF UNIFIED PROGRAM PLANNING AND INTERPRETIVE STRUCTURAL MODELING TO PUBLIC AND SOCIETAL SYSTEMS. (PH.D. 1973 SOUTHERN METHODIST UNIVERSITY) 305p.
35/06-A, p. 3937 **BLE74-22647**

HAWVER, DENNIS ARTHUR
AN EXPERIMENTAL ANALYSIS OF TWO PARTIAL INFORMATION MEASURES AND ACQUIESCENT RESPONSE BIAS. (PH.D. 1969 TEMPLE UNIVERSITY) 90p. 30/06-B, p. 2892 **BLE69-19956**

HAX, ARNOLDO CUBILLOS
NATURAL GAS TRANSMISSION SYSTEM OPTIMIZATION: A MATHEMATICAL PROGRAMMING MODEL. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, BERKELEY) 151p. 28/10-B, p. 4142 **BLE68-05733**

HAY, FRANK EDWIN
A TIME-SHARING COMPUTER SYSTEM FOR TEACHING DIGITAL SYSTEMS DESIGN. (PH.D. 1974 ARIZONA STATE UNIVERSITY) 155p.
35/03-B, p. 1257 **BLE74-20134**

HAYANO, SADAO
SINGULAR TIME OPTIMAL CONTROL. (PH.D. 1968 PURDUE UNIVERSITY) 45p.
29/03-B, p. 1088 **BLE68-12562**

HAYES, ALAN BRADFORD
A DIGITAL MUSICAL INSTRUMENT. (PH.D. 1972 UNIVERSITY OF UTAH) 95p.
33/07-B, p. 3033 **BLE73-01606**

HAYES, RUSSELL MASON, JR.
SUB-OPTIMAL CONTROLLER DESIGN FOR BOUNDED STATE SYSTEMS. (PH.D. 1971 OHIO UNIVERSITY) 148p. 32/05-B, p. 2707 **BLE71-29527**

HAYMAN, ROBERT WARREN
MATHEMATICAL PROGRAMMING SOLUTION FOR OPTIMAL DESIGN OF VERTICAL ALIGNMENT OF HIGHWAYS. (PH.D. 1968 UNIVERSITY OF COLORADO AT BOULDER) 198p.
29/09-B, p. 3305 **BLE69-04324**

HAYNES, ANDREW BENJAMIN, JR.
DEVELOPING A COMMUNITY AND COMPUTER BASED ANTI-COLOR-CODE STRATEGY TO RESIST AND REDUCE VIOLENT CRIMES IN BLACK GHETTOES. (PH.D. 1972 SYRACUSE UNIVERSITY) 265p. 33/10-A, p. 5849 BLE73-09529

HAYNES, LEONARD STANLEY
THE ARCHITECTURE OF AN ALGOL 60 COMPUTER. (PH.D. 1974 UNIVERSITY OF MARYLAND) 238p. 36/01-B, p. 374 BLE75-15776

HAYTOCK, BENJAMIN DAVID
NUMERICAL METHODS IN LINEAR ANALYSIS. (D.A. 1970 CARNEGIE-MELLON UNIVERSITY) 292p. 31/05-B, p. 2822 BLE70-21594

HEADLEY, DONALD BRUCE
THE PUPILLARY RESPONSE TO RETRIEVAL OF INFORMATION FROM LONG-TERM MEMORY. (PH.D. 1973 OKLAHOMA STATE UNIVERSITY) 140p. 34/10-B, p. 5221 BLE74-08030

HEADRICK, THOMAS EDWARD
COMPUTER SIMULATION MODELS OF THE INDIAN POLITICAL ECONOMY, 1951-1971. (PH.D. 1975 STANFORD UNIVERSITY) 366p. 36/09-A, p. 6278 BLE76-05740

HEANEY, JAMES PATRICK
MATHEMATICAL PROGRAMMING MODEL FOR LONG-RANGE RIVER BASIN PLANNING WITH EMPHASIS ON THE COLORADO RIVER BASIN. (PH.D. 1968 NORTHWESTERN UNIVERSITY) 225p. 29/07-B, p. 2467 BLE69-01843

HEATH, DAVID CLAY
PROBABILISTIC ANALYSIS OF HYPERBOLIC SYSTEMS OF PARTIAL DIFFERENTIAL EQUATIONS. (PH.D. 1969 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 67p. 31/02-B, p. 800 BLE70-13345

HEATH, RICHARD DREW
FORMAL COMPUTER COORDINATE TRANSFORMATIONS OF SYMBOLIC ALGEBRAIC EQUATIONS. (PH.D. 1973 UNIVERSITY OF MINNESOTA) 122p. 34/02-B, p. 825 BLE73-18114

HEATH, ROBERT EDWARD, II
OPTIMAL INCOMPLETE FEEDBACK CONTROL OF LINEAR STOCHASTIC SYSTEMS. (PH.D. 1973 AIR FORCE INSTITUTE OF TECHNOLOGY) 158p. 34/09-B, p. 4375 BLE74-01107

HEBERT, EMERY JEAN
DEVELOPMENT AND APPLICATIONS OF MATHEMATICAL PROGRAMMING MODELS IN AIRCRAFT PRODUCTION SCHEDULING AS TOOLS OF DECISION-MAKING. (PH.D. 1962 THE UNIVERSITY OF TEXAS AT AUSTIN) 242p. 23/10, p. 3668 BLE63-01664

HECHT, MATTHEW STERLING
GLOBAL DATA-FLOW ANALYSIS OF COMPUTER PROGRAMS. (PH.D. 1973 PRINCETON UNIVERSITY) 161p. 34/10-B, p. 4912 BLE74-09690

HECHT, PATSY ANN CLARK
KINETIC TECHNIQUES FOR THE ACTOR: AN ANALYSIS AND COMPARISON OF THE MOVEMENT TRAINING SYSTEMS OF FRANCOIS DELSARTE, EMILE JAQUES-DALCROZE, AND RUDOLF LABAN. (PH.D. 1971 WAYNE STATE UNIVERSITY) 311p. 32/11-A, p. 6598 BLE72-14569

HECKMAN, JAMES CHARLES
LOCATING TRAVELER SUPPORT FACILITIES ALONG THE INTERSTATE SYSTEM–A SIMULATION USING GENERAL SYSTEMS THEORY. (PH.D. 1973 THE UNIVERSITY OF ARIZONA) 198p. 34/08-B, p. 3743 BLE74-02000

HEDDESHEIMER, JANET CRAIG
A COMPUTER-BASED MANAGEMENT AND EDUCATION INFORMATION SYSTEM FOR COUNSELOR EDUCATION. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 219p. 32/07-A, p. 3688 BLE72-04517

HEDGES, ROBERT LEWIS
AN ANALYSIS OF LOCALITY IN PAGED COMPUTER MEMORY HIERARCHIES. (PH.D. 1974 TEXAS A&M UNIVERSITY) 158p. 35/04-B, p. 1614 BLE74-21194

HEDL, JOHN JOSEPH, JR.
AN EVALUATION OF A COMPUTER-BASED INTELLIGENCE TEST. (PH.D. 1971 THE FLORIDA STATE UNIVERSITY) 99p. 32/09-B, p. 5424 BLE72-10024

HEDRICK, CHARLES LOCKE
A COMPUTER PROGRAM TO LEARN PRODUCTION SYSTEMS USING A SEMANTIC NET. (PH.D. 1975 CARNEGIE-MELLON UNIVERSITY) 176p. 36/02-B, p. 816 BLE75-17842

HEFFES, HARRY
APPROXIMATION OF LINEAR TIME-VARYING SYSTEMS BY LINEAR CONSTANT SYSTEMS OVER FINITE TIME INTERVALS. (PH.D. 1968 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 145p. 29/10-B, p. 3744 BLE69-04564

HEGI, FREDERICK BENHARDT, JR.
THE RISK CAPITAL DECISION IN COMPUTER SERVICE COMPANY INVESTING. (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 245p. 32/07-A, p. 3492 BLE72-02347

HEGLER, BURNS EDWARD
A LINEAR OPERATOR ANALYSIS OF SINGLE-SIDEBAND MODULATION SYSTEMS. (PH.D. 1969 KANSAS STATE UNIVERSITY) 160p. 30/03-B, p. 1128 BLE69-13845

HEIDARI, MANOUTCHEHR
A DIFFERENTIAL DYNAMIC PROGRAMMING APPROACH TO WATER RESOURCES SYSTEMS ANALYSIS. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIG[illegible] 219p. 31/09-B, p. 5355 [illegible]71-05124

HEIDEMANN, ROBERT [illegible]ERT
OPTIMAL COMPUTER CONTROL OF A DISTILLATION COLUMN USING AN EMPIRICAL MATHEMATICAL MODEL. (SC.D. 1966 WASHINGTON UNIVERSITY) 239p. 27/06-B, p. 1897 BLE66-11887

HEIDORN, GEORGE EMIL
NATURAL LANGUAGE INPUTS TO A SIMULATION PROGRAMMING SYSTEM. (PH.D. 1972 YALE UNIVERSITY) 380p. 33/12-B, p. 5765 BLE73-14339

HEIMERDINGER, WALTER LEE
ALGORITHMS FOR THE IDENTIFICATION OF THE PARAMETERS OF LINEAR DYNAMIC SYSTEMS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 85p. 33/01-B, p. 197 BLE72-19944

HEIN, NORLIN ALBERT
A MANAGEMENT PLANNING, CONTROL AND ANALYSIS SYSTEM FOR MIDWEST BEEF FEEDLOTS. (PH.D. 1974 UNIVERSITY OF MINNESOTA) 226p. 35/02-A, p. 685 BLE74-17250

HEINS, WILLY
CONJUGATE FUNCTIONS, DUALITY THEORY AND OPTIMAL CONTROL. (PH.D. 1969 CASE WESTERN RESERVE UNIVERSITY) 159p. 30/09-B, p. 4256 BLE70-05097

HEINZELMANN, RAYMOND G.
THE POTENTIAL IMPACT OF COMPUTERS ON DECISION-MAKING AND ORGANIZATION OF INTEGRATED BROILER FIRMS. (PH.D. 1973 THE AMERICAN UNIVERSITY) 276p. 34/06-B, p. 2382 BLE73-29641

HEISER, JOHN EMERSON
METAFOR - A VERIFIED, PORTABLE TRANSLATOR WRITING SYSTEM. (PH.D. 1976 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 652p. 37/05-B, p. 2374 BLE76-25204

HEITGER, LESTER EDWARD
CRITERIA FOR TRANSFER PRICING OF DATA PROCESSING SERVICES WITHIN BUSINESS FIRMS. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 159p. 33/02-A, p. 448 BLE72-22225

HELD, GERALD DAVID
STORAGE STRUCTURES FOR RELATIONAL DATA BASE MANAGEMENT SYSTEMS. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 126p. 37/01-B, p. 334 BLE76-15211

HELGE, ARTHUR SWEN
COMPUTER SIMULATION OF COUNSELING INTERVIEWS AS A MEANS OF COMPARING DIVERSE STYLES OF DYADIC INTERACTION. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 240p. 33/07-A, p. 3383 BLE73-00452

HELLINGS, FRAZIER JACKSON
APPLICATION OF EXTENDED KALMAN FILTERING TO A DYNAMIC LABORATORY CALIBRATION OF AN INERTIAL NAVIGATION SYSTEM. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 251p. 34/02-B, p. 635 BLE73-18631

HELLIWELL, WILLIAM STANLEY
THE ASYMPTOTIC BEHAVIOR OF THE SOLUTION TO A NONLINEAR SYSTEM OF INTEGRODIFFERENTIAL EQUATIONS OCCURRING IN REACTOR DYNAMICS. (PH.D. 1969 BROWN UNIVERSITY) 74p. 31/01-B, p. 285 BLE70-08733

HELLMAN, MORTON J.
MATRIX COMMUTATOR RELATIONSHIPS ARISING FROM SYSTEMS OF LINEAR ORDINARY DIFFERENTIAL EQUATIONS. (PH.D. 1954 NEW YORK UNIVERSITY) 31p. S0146, BLE73-22081

HELM, HARRY A.
ON EXPONENTIAL TYPE SOLUTIONS OF SYSTEMS OF LINEAR DIFFERENTIAL EQUATIONS. (PH.D. 1963 STEVENS INSTITUTE OF TECHNOLOGY) 77p. 24/03, p. 1185 BLE63-06976

HEMAMI, HOOSHANG
REPRESENTATION AND IDENTIFICATION OF NONLINEAR SYSTEMS. (PH.D. 1966 THE OHIO STATE UNIVERSITY) 100p. 27/07-B, p. 2358 BLE66-15096

HEMESATH, NORBERT BERNARD
ON THE DETERMINATION OF TIME OPTIMAL CONTROLS FOR LINEAR STATIONARY SYSTEMS. (PH.D. 1964 MICHIGAN STATE UNIVERSITY) 108p. 25/09, p. 5182 BLE65-00687

HEMMERLE, WILLIAM JACOB
THE LOGICAL STRUCTURE OF ANALYSIS OF VARIANCE AND ITS IMPLEMENTATION ON DIGITAL COMPUTERS. (PH.D. 1963 IOWA STATE UNIVERSITY) 141p. 24/04, p. 1631 BLE63-07255

HEMMING, CLIFF WILLIAMS, JR.
FUNCTIONAL SIMULATION TECHNIQUES FOR DESIGN VERIFICATION AND FAULT INSERTION IN ELECTRONIC DIGITAL SYSTEMS. (PH.D. 1971 SOUTHERN METHODIST UNIVERSITY) 126p. 32/08-B, p. 4590 BLE72-06358

HEMPHILL, JOHN MARK
THE DEVELOPMENT OF PROCEDURES FOR THE ANALYSIS AND SYNTHESIS OF A HIGHLY DEFINED CLASS OF FAULT TOLERANT COMPUTER SYSTEMS. (PH.D. 1971 SOUTHERN METHODIST UNIVERSITY) 127p. 32/08-B, p. 4531 BLE72-06359

HENDERSON, BILL JOHN
AN ANALYSIS OF ECONOMIC POLICIES IN AMERICAN CITIES: A COMPARATIVE STUDY OF THE EFFECT OF SOCIO-ECONOMIC AND POLITICAL SYSTEMS VARIABLES ON PUBLIC POLICIES IN CITIES. (PH.D. 1972 UNIVERSITY OF KANSAS) 201p. 33/07-A, p. 3728 BLE72-32890

HENDERSON, DEE WURSTEN
A MEASUREMENT AND ANALYSIS OF VALUE SYSTEMS AND BEHAVIORAL CHANGE AS RELATED TO A PUBLIC EXECUTIVE DEVELOPMENT WORKSHOP. (PH.D. 1973 THE AMERICAN UNIVERSITY) 211p. 34/06-A, p. 3514 BLE73-29642

HENDERSON, DONALD LEE
A COMPUTER AND DATA PROCESSING SYSTEM FOR SMALL COLLEGES. (ED.D. 1967 OKLAHOMA STATE UNIVERSITY) 265p. 28/12-A, p. 4850 BLE68-08419

HENDERSON, GARRY COUCH
COMPUTER ANALYSIS TECHNIQUES APPLIED TO CRUSTAL STUDIES OF CAMPECHE BANK, MEXICO. (PH.D. 1965 TEXAS A&M UNIVERSITY) 112p. 26/07, p. 3997 BLE65-12285

HENDERSON, JEROME DISQUE
AN EVALUATION OF THE INSTRUCTIONAL EFFECTIVENESS OF A COMPUTER-ASSISTED INSTRUCTION PROGRAM FOR TROUBLESHOOTING OPERATIONAL BROADCASTING PROBLEMS. (ED.D. 1975 UNIVERSITY OF PITTSBURGH) 106p. 36/12-A, p. 7895 BLE76-14143

HENDERSON, JOHN CLYDE
A CONCEPTUAL MODEL AND OPERATING GUIDELINES FOR COMMUNICATION BETWEEN A MANAGER AND AN OPERATIONS RESEARCH ANALYST. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 280p. 36/05-B, p. 2438 BLE75-24887

HENDERSON, PETER BRADLEY
SCHEDULING POLICIES FOR SERVICE SYSTEMS WITH NONLINEAR WAITING COSTS. (PH.D. 1975 PRINCETON UNIVERSITY) 125p. 36/04-B, p. 1893 BLE75-23208

HENDRICK, THOMAS ELSWORTH
A HEURISTIC PROGRAM BUDGETING MODEL FOR CLIENT ORIENTED AGENCIES: A PARAMETRIC LINEAR PROGRAMMING DESIGN WITH A PRIORITY-UTILITY OBJECTIVE FUNCTION. (D.B.A. 1970 UNIVERSITY OF OREGON) 269p. 31/07-A, p. 3103 BLE71-01319

HENDRICKS, ALBERT LEWIS
ON OPTIMAL CONTROL PROBLEMS WITH STATE-VARIABLE INEQUALITY CONSTRAINTS. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 92p. 37/05-B, p. 2421 BLE76-24100

HENDRICKS, CHARLES LEROY
OPTIMIZATION OF DISCRETE SYSTEMS CONTAINING RANDOM FINAL TIME AND DELAYS WITH APPLICATIONS TO PRODUCTION-INVENTORY PROBLEMS. (PH.D. 1972 PURDUE UNIVERSITY) 246p. 33/09-B, p. 4246 BLE73-06040

HENDRICKS, MARK CLIFFORD
OPTIMIZATION OF A 16-BIT MICROPROGRAMMED DIGITAL PROCESSOR. (PH.D. 1970 UNIVERSITY OF DENVER) 141p. 31/10-B, p. 5976 BLE71-08027

HENDRICKS, THOMAS CARL
TRAJECTORY SENSITIVITY OF AN OPTIMAL CONTROL SYSTEM OF FIXED STRUCTURE. (PH.D. 1967 UNIVERSITY OF DENVER) 129p. 28/07-B, p. 2844 BLE67-17106

HENDRICKSEN, DAVID KEITH
THE MICROWAVE SPECTRUM AND STRUCTURE OF CYCLOPROPYLAMINE, AND INVESTIGATIONS INTO FREE RADICAL AND COMPUTER-ASSISTED MICROWAVE SPECTROSCOPY. (PH.D. 1970 UNIVERSITY OF KANSAS) 143p. 31/06-B, p. 3303 BLE70-25344

HENDRICKSON, JOHN ALFRED, JR.
A METHODOLOGICAL ANALYSIS OF NUMERICAL CLADISTICS. (PH.D. 1968 UNIVERSITY OF KANSAS) 176p. 29/06-B, p. 1534 BLE68-17396

HENDRIX, GARY GRANT
PARTITIONED NETWORKS FOR THE MATHEMATICAL MODELING OF NATURAL LANGUAGE SEMANTICS. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 404p. 37/01-B, p. 335 BLE76-14464

HENDRY, JOHN EDWARD
COMPUTER-AIDED SYNTHESIS OF OPTIMAL MULTICOMPONENT SEPARATION SEQUENCES. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 236p. 33/08-B, p. 3625 BLE72-29492

HENIG, YAIR
COMPUTER ANALYSIS OF THE VARIABLES AFFECTING RESPIRATION AND QUALITY OF PRODUCE PACKAGED IN POLYMERIC FILMS. (PH.D. 1972 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 196p. 33/05-B, p. 2140 BLE72-27559

HENISZ, BOZENA
DERIVATION: MORPHOPHONEMIC ALTERNATION PATTERNS, GENERATIVE FORMATION RULES AND SYSTEM FOR COMPUTER PROCESSING. (PH.D. 1965 GEORGETOWN UNIVERSITY) 310p. 28/02-A, p. 653 BLE65-12529

HENNIG, GEORGE RAYMOND
A NUMERICAL METHOD FOR THE SOLUTION OF OPTIMAL CONTROL PROBLEMS WITH BOUNDED STATE VARIABLES. (PH.D. 1971 AIR FORCE INSTITUTE OF TECHNOLOGY) 105p. 32/10-B, p. 5792 BLE72-12907

HENRICHON, ERNEST GEORGE, JR.
ON NONPARAMETRIC METHODS FOR PATTERN RECOGNITION. (PH.D. 1969 PURDUE UNIVERSITY) 162p. 30/04-B, p. 1684 BLE69-17183

HENRIKSEN, GLENN F.
AN APPLICATION OF GENERAL SYSTEM THEORY TO COMMUNITY MENTAL HEALTH. (PH.D. 1973 CALIFORNIA SCHOOL OF PROFESSIONAL PSYCHOLOGY, LOS ANGELES) 312p. 34/10-B, p. 5193 BLE74-08756

HENRY, PETER HOWARTH
TREATMENT OF A SLEEP RESEARCH LABORATORY'S INTERDISCIPLINARY DATA: AN APPLICATION OF BIOBEHAVIORAL SYSTEMS ANALYSIS. (PH.D. 1971 STANFORD UNIVERSITY) 322p. 32/08-B, p. 4686 BLE72-05926

HENRY, SAMUEL ARTHUR
SOME METHODS FOR ANALYZING AIRCRAFT WITH LINEAR AUTOMATIC CONTROL SYSTEMS. (PH.D. 1974 UNIVERSITY OF KANSAS) 389p. 35/09-B, p. 4432 BLE75-06193

HENRY, WILLIAM ARTHUR
DEVELOPMENT OF A COMPUTER SIMULATION OPTIMIZATION METHODOLOGY. (PH.D. 1974 THE UNIVERSITY OF ALABAMA) 194p. 36/02-A, p. 972 BLE75-18286

HENSON, TROY FLOYD
DESENSITIZED SPECIFIC OPTIMAL SYSTEM DESIGN UTILIZING DIGITAL SIMULATION BY PARTITIONING AND UNCOUPLING. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 297p. 37/01-B, p. 384 BLE76-14465

HEPLER, STEPHEN PHILIP
USE OF PROBABILISTIC AUTOMATA AS MODELS OF HUMAN PERFORMANCE. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 116p. 34/08-B, p. 3744 BLE74-03196

HERALD, DELBERT LEON, JR.
PART I. REACTION OF AN EPOXYETHER WITH ORGANOMETALLIC REAGENTS. PART II. COMPUTER PROGRAM CMBN. (PH.D. 1970 ARIZONA STATE UNIVERSITY) 180p. 31/03-B, p. 1166 BLE70-18804

HERBENICK, RAYMOND MICHAEL
C.S. PEIRCE AND CONTEMPORARY THEORIES OF THE SYSTEMS CONCEPT AND SYSTEMS APPROACH TO PROBLEM-SOLVING AND DECISION-MAKING: AN INTRODUCTORY ESSAY ON SYSTEMS THEORY IN PHILOSOPHICAL ANALYSIS. (PH.D. 1968 GEORGETOWN UNIVERSITY) 328p. 29/08-A, p. 2751 BLE69-02715

HERBERT, RICHARD EDGAR
RANDOM VIBRATIONS OF NONLINEAR ELASTIC SYSTEMS. (PH.D. 1964 THE UNIVERSITY OF FLORIDA) 93p. 25/06, p. 3495 BLE64-11536

HERCEG, JOHN
A STUDY OF THE COORDINATOR'S ROLE IN THE INTRODUCTION OF FORMALLY PRESENTED OBJECTIVES AND INDIVIDUALIZED LEARNING RATES IN COMPUTER ASSISTED MATHEMATICS. (ED.D. 1972 UNIVERSITY OF PITTSBURGH) 77p. 33/08-A, p. 4059 BLE73-04133

HERKLOTZ, THEODORE ROBERT
DEVELOPMENT OF A MODEL FOR COMPUTER-BASED VOCATIONAL EDUCATION TEACHING UNITS. (ED.D. 1972 UNIVERSITY OF CINCINNATI) 226p. 33/08-A, p. 4264 **BLE72-32038**

HERNANDEZ SANCHEZ, JUAN L.
SOME STUDIES ON A CLASS OF TWO-PORT NONLINEAR CONTROL SYSTEMS. (PH.D. 1962 UNIVERSITY OF PITTSBURGH) 84p. 24/03, p. 1116 **BLE63-02446**

HEROUX, RICHARD LEO
FINANCIAL ANALYSIS AND THE DEVELOPMENT PROCESS FOR NEW COMMUNITIES: A MATHEMATICAL PROGRAMMING APPROACH. (PH.D. 1972 RENSSELAER POLYTECHNIC INSTITUTE) 272p. 33/05-A, p. 1949 **BLE72-30213**

HERR, ALAN JACK
PATTERN RECOGNITION OF SPEECH USING HYBRID COMPUTER FEATURE EXTRACTION. (PH.D. 1975 OREGON STATE UNIVERSITY) 448p. 35/12-B, p. 5865 **BLE75-13058**

HERRING, JOHN WESLEY, JR.
DESIGN OF NONLINEAR CONTROL SYSTEMS VIA STATE VARIABLE FEEDBACK. (PH.D. 1967 THE UNIVERSITY OF ARIZONA) 119p. 28/03-B, p. 900 **BLE67-11361**

HERRIOT, ROBERT GEORGE
THE DEFINITION OF THE CONTROL AND ENVIRONMENT STRUCTURE OF PROGRAMMING LANGUAGES. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 202p. 32/08-B, p. 4532 **BLE72-02013**

HERRMANN, WILLIAM WILLIS
A STUDY OF LEVELS AND SOURCES OF FIRE PREVENTION INFORMATION POSSESSED BY TWO TYPES OF FOREST USERS: AN APPLICATION OF ELECTRONIC DATA PROCESSING TO BEHAVIORAL RESEARCH. (D.P.A. 1960 UNIVERSITY OF SOUTHERN CALIFORNIA) 335p. 21/01, p. 232 **BLE60-02482**

HESS, GEORGE LAWRENCE
THE INFLUENCE OF THE COMPUTER ON MEDIUM-SIZE MANUFACTURING ORGANIZATIONS. (D.B.A. 1974 ARIZONA STATE UNIVERSITY) 250p. 35/07-A, p. 3979 **BLE75-00002**

HESS, RONALD ANDREW
AN APPLICATION OF OPTIMAL STOCHASTIC CONTROL THEORY TO THE PROBLEM OF AIRCRAFT GUST ALLEVIATION. (PH.D. 1970 UNIVERSITY OF CINCINNATI) 198p. 31/09-B, p. 5325 **BLE71-06412**

HESSERT, NORMAN DALE
THE USE OF INFORMATION THEORY IN MUSICAL ANALYSIS. (PH.D. 1971 INDIANA UNIVERSITY) 94p. 32/08-A, p. 4650 **BLE72-06787**

HETZNER, DONALD RAYMUND
LIFE DECISIONS: A COMPUTER BASED SIMULATION GAME FOR SOCIAL STUDIES CLASSROOMS. (ED.D. 1972 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 188p. 33/03-A, p. 1076 **BLE72-23522**

HEUBER, ROBERT BERNARD
ADMINISTRATIVE GUIDELINES FOR THE ESTABLISHMENT OF ELECTRONIC DATA PROCESSING IN THE HIGH SCHOOL PUPIL PERSONNEL SERVICES. (ED.D. 1967 ARIZONA STATE UNIVERSITY) 160p. 28/04-A, p. 1239 **BLE67-12646**

HEWITT, HELEN-JO JAKUSZ
COMPUTER-ASSISTED INDEXES TO CODRINGTON'S "THE MELANESIAN LANGUAGES.". (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 181p. 33/07-A, p. 3618 **BLE73-00453**

HEWLETT, FRANK WILSON, JR.
COMPUTER VERSUS CONVENTIONAL ANALYSIS OF SHALLOW BIPOLAR JUNCTION TRANSISTORS. (PH.D. 1971 THE UNIVERSITY OF FLORIDA) 96p. 32/12-B, p. 7034 **BLE72-16607**

HEYLIGER, GEORGE EUGENE
NUMERICAL FILTERS: THEIR CONVERGENCE PROPERTIES, ECONOMICAL IMPLEMENTATION, AND RELATION TO CLASSICAL NUMERICAL ANALYSIS. (PH.D. 1968 UNIVERSITY OF DENVER) 214p. 30/02-B, p. 648 **BLE69-12293**

HEYMANN, MICHAEL
A TIME DOMAIN TECHNIQUE FOR LINEAR SYSTEM IDENTIFICATION. (PH.D. 1965 THE UNIVERSITY OF OKLAHOMA) 252p. 26/07, p. 3808 **BLE65-12995**

HIATT, MARY POTT
A COMPUTER-AIDED STUDY OF PARALLELISM IN PRESENT-DAY AMERICAN PROSE. (PH.D. 1971 COLUMBIA UNIVERSITY) 270p. 34/10-A, p. 6643 **BLE74-08184**

HICKEN, JAMES EDWARD
AN EXPERIMENTAL ANALYSIS OF THE EFFECTS ON PUPIL ACHIEVEMENT OF USING AN ELECTRONIC COMPUTER IN INDIVIDUALIZING INSTRUCTION THROUGH UNIT TEACHING. (ED.D. 1965 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 273p. 26/12, p. 7177 **BLE66-03516**

HICKS, JOHN MARTIN
PERSONAL CONTACT WITH THIRTEEN ASPECTS OF INFORMATION DISSEMINATION BY SELECTED HIGH SCHOOL ART TEACHERS. (ED.D. 1972 INDIANA UNIVERSITY) 148p. 33/11-A, p. 5970 **BLE73-10825**

HICKSON, MARCUS LAFAYETTE, III
A SYSTEMS ANALYSIS OF THE COMMUNICATION ADAPTATION OF A COMMUNITY ACTION AGENCY. (PH.D. 1971 SOUTHERN ILLINOIS UNIVERSITY) 141p. 32/07-A, p. 4152 **BLE72-05371**

HIGDON, DONALD THAYER
AUTOMATIC CONTROL OF INHERENTLY UNSTABLE SYSTEMS WITH BOUNDED CONTROL INPUTS. (PH.D. 1964 STANFORD UNIVERSITY) 132p. 25/03, p. 1798 **BLE64-09827**

HIGGINBOTHAM, RONALD EUGENE
AN INVESTIGATION OF CONTROLLABILITY AND OBSERVABILITY CONDITIONS FOR LINEAR DELAY-DIFFERENTIAL CONTROL SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF CONNECTICUT) 104p. 33/06-B, p. 2635 **BLE72-32181**

HIGGINS, KARL RONALD
PERSIM: A COMPUTER BASED SIMULATION OF THE FACULTY FLOW PROCESS IN A LOCAL EDUCATION AGENCY. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 232p. 33/09-A, p. 4730 **BLE73-07587**

HIGGINS, ROBERT ARTHUR
ADAPTIVE CONTROL OF SYSTEM PARAMETERS WITHOUT A MODEL. (PH.D. 1969 UNIVERSITY OF MISSOURI - COLUMBIA) 125p. 30/04-B, p. 1684 **BLE69-16081**

HIGGINS, RONALD CLAIR
STATISTICAL PROCEDURES FOR REDUCING THE AMOUNT OF TECHNICAL DATA THAT MUST BE COLLECTED AND STORED DURING THE ANALYSIS OF A PHYSICAL SYSTEM. (PH.D. 1974 TEXAS A&M UNIVERSITY) 167p. 36/01-B, p. 387 **BLE75-15030**

HIGGINS, WALTER THOMAS, JR.
THE STABILITY OF CERTAIN NONLINEAR, TIME-VARYING SYSTEMS OF AUTOMATIC CONTROL. (PH.D. 1966 THE UNIVERSITY OF ARIZONA) 130p. 27/01-B, p. 175 **BLE66-06893**

HIGHLEYMAN, WILBUR HULL, II
LINEAR DECISION FUNCTIONS, WITH APPLICATION TO PATTERN RECOGNITION. (D.E.E. 1961 POLYTECHNIC INSTITUTE OF NEW YORK) 227p. 22/04, p. 1113 **BLE61-03770**

HILBORN, DAVID ALAN
KINETIC AND EQUILIBRIUM STUDIES OF MITOCHONDRIAL ATPASE; AN ON-LINE COMPUTER SYSTEM FOR THE ACQUISITION AND ANALYSIS OF TEMPERATURE JUMP DATA. (PH.D. 1973 CORNELL UNIVERSITY) 191p. 34/02-B, p. 572 **BLE73-18082**

HILL, CHARLES EDWARD
DEVELOPMENT AND EVALUATION OF A COMPUTER-BASED RESOURCE UNIT ON OBESITY AND WEIGHT CONTROL FOR COLLEGE STUDENTS. (ED.D. 1972 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 151p. 33/04-A, p. 1488 **BLE72-23526**

HILL, CLAIR S.
COMPARATIVE EFFECTIVENESS OF TWO STRATEGIES OF COMPUTER-ASSISTED INSTRUCTION FOR TEACHING ORTHOGRAPHIC PROJECTION. (PH.D. 1971 UNIVERSITY OF MISSOURI - COLUMBIA) 198p. 32/09-A, p. 5007 **BLE72-10617**

HILL, DAVID BYRNE
SYSTEMS OF LINEAR DIFFERENTIAL EQUATIONS AND GENERALIZED EXPONENTIALS. (PH.D. 1963 STEVENS INSTITUTE OF TECHNOLOGY) 57p. 24/04, p. 1632 **BLE63-06977**

HILL, JACK DUANE
AN INVESTIGATION OF THE UTILIZATION OF ELECTRONIC DATA PROCESSING IN THE TEACHER EMPLOYMENT PROCESS. (ED.D. 1968 THE GEORGE WASHINGTON UNIVERSITY) 185p. 29/10-A, p. 3375 **BLE69-05207**

HILL, LAWRENCE SIDNEY
A STUDY OF THE EFFECTS OF DESIGN AUTOMATION ON THE SYSTEMS ENGINEERING MANAGEMENT PROCESS. (PH.D. 1969 UNIVERSITY OF SOUTHERN CALIFORNIA) 139p. 30/02-B, p. 664 **BLE69-13062**

HILL, RICHARD FELIX
EXPANSION OF LINEAR AND NONLINEAR CONTROL THEORY OF SINGLE-REGION AND MULTI-REGION NUCLEAR REACTORS. (PH.D. 1960 THE UNIVERSITY OF WISCONSIN - MADISON) 116p. 21/03, p. 572 **BLE60-03212**

HILL, RICHARD JOHN
COMPUTER-ASSISTED AFFECTIVE FEEDBACK IN SMALL GROUP INSTRUCTION. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 266p. 31/11-A, p. 5846 **BLE70-24748**

HILL, ROBERT WIMMER
A COMPUTER MODEL OF THE HYDROLOGIC AND SALINITY FLOW SYSTEMS WITHIN A RIVER BASIN. (PH.D. 1973 UTAH STATE UNIVERSITY) 211p. 34/12-B, p. 5983 **BLE74-13222**

HILLERMAN, NEAL H.
EQUIVALENT PHYSICAL SYSTEMS TO MATHEMATICAL PROGRAMMING CLASSES AND THEIR APPLICATION IN BUSINESS AND ECONOMIC ANALYSIS. (PH.D. 1975 THE AMERICAN UNIVERSITY) 254p. 36/03-A, p. 1640 **BLE75-19889**

HILLIS, RICHARD K.
VISUAL ORGANIZATION THROUGH PATTERN RECOGNITION: A FUNDAMENTAL DESIGN COURSE. (D.A. 1973 CARNEGIE-MELLON UNIVERSITY) 245p. 34/03-A, p. 1191 **BLE73-21076**

HINDERER, JAMES HERBERT
THE IDENTIFICATION OF A CLASS OF NONLINEAR CONTROL SYSTEMS BY ELIMINATION REGRESSION. (PH.D. 1969 THE UNIVERSITY OF TEXAS AT AUSTIN) 123p. 30/07-B, p. 3196 **BLE69-21828**

HINE, JOHN HENRY
GENERALIZATIONS OF QUEUEING NETWORK MODELS FOR MULTIPROGRAMMED COMPUTER SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 132p. 35/01-B, p. 178 **BLE74-10247**

HINES, WILLIAM CURTIS
SENSITIVITIES OF THE OPTIMAL CONTROL. (PH.D. 1967 AUBURN UNIVERSITY) 93p. 28/10-B, p. 4129 **BLE68-05437**

HINSHAW, DAVID LEARY
OPTIMAL SELECTION OF FUNCTIONAL HARDWARE UNITS FOR MICROPROGRAM CONTROLLED CENTRAL PROCESSING UNITS. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 326p. 33/05-B, p. 2076 **BLE72-29088**

HINSON, TONY M.
APPLICATIONS OF ELECTRONIC DATA PROCESSING IN COMMUNITY COLLEGES AND TECHNICAL INSTITUTES. (ED.D. 1973 THE UNIVERSITY OF TENNESSEE) 109p. 34/11-B, p. 5415 **BLE74-11257**

HINSON, WILLIAM GUY
AN OPTICAL INTERFEROMETRIC SYSTEM WITH A LINEAR ELECTRONIC DISPLAY OF PERIODIC AND APERIODIC MECHANICAL DISPLACEMENT. (PH.D. 1972 UNIVERSITY OF ARKANSAS) 132p. 32/09-B, p. 5183 **BLE72-10191**

HINTZ, THOMAS BENJAMIN, JR.
UNIFIED DESIGN OF COHERENT FM COMMUNICATION SYSTEMS USING PHASE-LOCK LOOPS. (SC.D. 1972 NEW MEXICO STATE UNIVERSITY) 90p. 32/11-B, p. 6400 **BLE72-13702**

HIRATA, ERNEST TSUNEHIRO
AN EXPERIMENTAL STUDY TO DETERMINE THE EFFECTIVENESS OF COMPUTER-ASSISTED INSTRUCTION IN PAIRED LEARNING. (ED.D. 1973 ARIZONA STATE UNIVERSITY) 90p. 34/03-A, p. 1000 **BLE73-20435**

HIRSCHFELD, LEONARD JAY
DESIGN METHODOLOGY FOR TRANSACTION PROCESSING SYSTEMS. (PH.D. 1975 UNIVERSITY OF PENNSYLVANIA) 234p. 36/08-A, p. 4820 **BLE76-03174**

HIRSCHFIELD, RONALD MARTIN
OBSERVATION AND IDENTIFICATION OF PARTIALLY UNKNOWN LINEAR SYSTEMS. (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 249p. 31/06-B, p. 3397 **BLE70-25062**

HIRSCHMANN, RUDOLF
DACTYLIC RHYTHM IN MIDDLE HIGH GERMAN LYRIC: A COMPUTER-ASSISTED STUDY. (PH.D. 1969 UNIVERSITY OF COLORADO AT BOULDER) 527p. 31/03-A, p. 1279 **BLE70-16491**

HIRSH, RICHARD LAWRENCE
THE ROLE OF THE HIPPOCAMPUS IN INFORMATION RETRIEVAL. (PH.D. 1969 STANFORD UNIVERSITY) 208p. 31/04-B, p. 2309 **BLE70-18414**

HO, CHEN-YAO
STABILIZATION OF NONLINEAR DYNAMICAL SYSTEMS. (PH.D. 1973 RICE UNIVERSITY) 100p. 34/03-B, p. 1106 **BLE73-21560**

HO, DAVID SU-MING
THE DESIGN OF TOTALLY SELF-CHECKING SYSTEMS. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 107p. 37/05-B, p. 2374 **BLE76-24103**

HO, JAMES KAR-YEW
NESTED DECOMPOSITION OF LARGE-SCALE LINEAR-PROGRAMS WITH THE STAIRCASE STRUCTURE. (PH.D. 1974 STANFORD UNIVERSITY) 97p. 35/06-B, p. 2919 **BLE74-27036**

HO, KWAI-WAH
MODEL-REFERENCE SELF-ADAPTIVE CONTROL SYSTEMS. (PH.D. 1961 CORNELL UNIVERSITY) 199p. 22/10, p. 3580 **BLE62-00112**

HO, THOMAS INN MIN
TOWARD A FORMAL THEORY FOR THE REQUIREMENTS STATEMENT, ANALYSIS, AND DESIGN OF INFORMATION SYSTEMS. (PH.D. 1974 PURDUE UNIVERSITY) 194p. 36/02-B, p. 816 **BLE75-17212**

HOBEROCK, LAWRENCE LINDEN
AN EXPERIMENTAL METHOD FOR THE DETERMINATION OF NONLINEAR DIFFERENTIAL EQUATIONS TO DESCRIBE SIMPLE DYNAMIC SYSTEMS. (PH.D. 1966 PURDUE UNIVERSITY) 142p. 27/06-B, p. 1944 **BLE66-13207**

HOBSON, EDWARD NEWTON
EMPIRICAL DEVELOPMENT OF A COMPUTER MANAGED INSTRUCTION SYSTEM FOR THE FLORIDA STATE UNIVERSITY MODEL FOR THE PREPARATION OF ELEMENTARY SCHOOL TEACHERS. (PH.D. 1970 THE FLORIDA STATE UNIVERSITY) 132p. 31/05-A, p. 2006 **BLE70-20069**

HOCHGESANG, GUY THOMSON
AN ALGORITHM FOR GRAMMATICAL INFERENCE OF PROGRAMMING LANGUAGES. (PH.D. 1972 PURDUE UNIVERSITY) 203p. 33/06-B, p. 2556 **BLE72-30906**

HOCKING, RONALD RAYMOND
MATHEMATICAL PROGRAMMING IN STATISTICAL ESTIMATION THEORY. (PH.D. 1962 IOWA STATE UNIVERSITY) 125p. 23/10, p. 3911 **BLE63-02975**

HOCKNEY, ROGER WILLIS
THE COMPUTER SIMULATION OF ANOMALOUS PLASMA DIFFUSION AND THE NUMERICAL SOLUTION OF POISSON'S EQUATION. (PH.D. 1966 STANFORD UNIVERSITY) 200p. 27/07-B, p. 2468 **BLE66-14673**

HODGKISS, WILLIAM SEARLES, JR.
THE SEQUENTIAL IMPLEMENTATION OF ARRAY PROCESSORS WHEN THERE IS DIRECTIONAL UNCERTAINTY. (PH.D. 1976 DUKE UNIVERSITY) 233p. 36/10-B, p. 5179 **BLE76-08748**

HODSON, WILLIAM THOMAS, III
EFFECTIVE SOLUTIONS OF A SYSTEM OF LINEAR INEQUALITIES ARISING IN BARGAINING THEORY. (PH.D. 1968 ARIZONA STATE UNIVERSITY) 58p. 29/05-B, p. 1755 **BLE68-15000**

HOEKSTRA, THOMAS BARKER
THE RESPONSE OF A NONLINEAR TWO-DEGREE-OF-FREEDOM SYSTEM. (PH.D. 1966 THE UNIVERSITY OF MICHIGAN) 68p. 27/09-B, p. 3124 **BLE67-01786**

HOEL, JEFFREY HOWARD
A CENTRALLY-CONTROLLED PHYSICAL ACCESS SECURITY SYSTEM. (PH.D. 1973 CASE WESTERN RESERVE UNIVERSITY) 125p. 36/07-B, p. 3476 **BLE74-22080**

HOERNES, GERHARD EMMERICH
VARYING DENSITY ARRAY, A NEW DATA STRUCTURE, AND ITS APPLICATIONS TO DATA BASE. (PH.D. 1974 SYRACUSE UNIVERSITY) 212p. 36/10-B, p. 5141 **BLE76-07905**

HOFFER, JEFFREY ALAN
A CLUSTERING APPROACH TO THE GENERATION OF SUBFILES FOR THE DESIGN OF A COMPUTER DATA BASE. (PH.D. 1975 CORNELL UNIVERSITY) 287p. 35/10-B, p. 5022 **BLE75-08595**

HOFFMAN, GILBERT HAY
COMPUTER EXTENSION OF SOME PERTURBATION SERIES IN FLUID MECHANICS. (PH.D. 1970 STANFORD UNIVERSITY) 101p. 31/11-B, p. 6575 **BLE71-12920**

HOFFMAN, IRWIN J.
EFFECT OF COMPUTER APPLICATION ON GENERALIZATION SKILLS AND ACHIEVEMENT IN A SECOND YEAR ALGEBRA COURSE. (PH.D. 1971 UNIVERSITY OF DENVER) 136p. 32/05-B, p. 2856 **BLE71-28627**

HOFFMAN, JAMES EDWARD
HIERARCHICAL STAGES IN THE PROCESSING OF VISUAL INFORMATION. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 48p. 35/12-B, p. 6130 **BLE75-11816**

HOFFMAN, JOHN MARION
A PRE-SCHEDULER AND MANAGEMENT MODEL FOR A CLASS OF COMPUTER-USER SYSTEMS . (PH.D. 1971 GEORGIA INSTITUTE OF TECHNOLOGY) 177p. 32/02-B, p. 877 **BLE71-20363**

HOFFMAN, JOSEPH ELLSWORTH, JR.
A SYSTEM TO PERFORM REAL-TIME FOURIER SPECTROSCOPY. (PH.D. 1968 NORTHEASTERN UNIVERSITY) 211p. 31/02-B, p. 686 **BLE69-18554**

HOFFMAN, LANCE JOEL
THE FORMULARY MODEL FOR ACCESS CONTROL AND PRIVACY IN COMPUTER SYSTEMS. (PH.D. 1970 STANFORD UNIVERSITY) 89p. 31/08-B, p. 4628 **BLE71-02772**

HOFFMAN, ROY LOUIS
THE DESIGN OF OPTIMAL, ADAPTIVE CLASSIFICATION FUNCTIONS FOR PATTERN RECOGNITION. (PH.D. 1967 UNIVERSITY OF DENVER) 145p. 28/02-B, p. 661 **BLE67-09842**

HOFFMANN, THOMAS RUSSELL
PERMUTATIONS AND PRECEDENCE MATRICES WITH AUTOMATIC COMPUTER APPLICATIONS TO INDUSTRIAL PROBLEMS. (PH.D. 1959 THE UNIVERSITY OF WISCONSIN - MADISON) 186p. 20/04, p. 1377 **BLE59-03259**

HOFSTADTER, ROBERT FRANCIS
A PATTERN RECOGNITION APPROACH TO THE CLASSIFICATION OF NONLINEAR STOCHASTIC SYSTEMS. (PH.D. 1974 PURDUE UNIVERSITY) 185p. 35/06-B, p. 2749 **BLE74-26722**

HOGAN, DONALD DEAN
THE USE OF THE SUMMING COMPUTER IN ANALYZING THE AUDITORILY EVOKED CORTICAL RESPONSES OF MENTALLY RETARDED ADULTS. (PH.D. 1966 PURDUE UNIVERSITY) 136p. 27/07-B, p. 2423 **BLE66-13208**

HOGARTH, JOHN
OPTIMIZATION AND ANALYSIS OF QUEUEING NETWORKS. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 232p. 36/05-B, p. 2351 **BLE75-24890**

HOGG, GARY LYNN
AN ANALYSIS OF LABOR LIMITED QUEUEING SYSTEMS WITH A GERT SIMULATION. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 169p. 33/01-B, p. 211 **BLE72-19605**

HOGLE, WALTER ROBERT
ACCOUNTING, INVENTORY, AND STOCK CONTROL APPLICATIONS OF DATA PROCESSING EQUIPMENT IN SCHOOL BUSINESS MANAGEMENT. (ED.D. 1962 UNIVERSITY OF SOUTHERN CALIFORNIA) 509p. 23/07, p. 2393 **BLE62-06063**

HOLBROOK, WAYNE
SOME DIGITAL TECHNIQUES FOR PITCH PERTURBATION ANALYSIS. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 273p. 32/06-B, p. 3297 **BLE72-00048**

HOLDEN, ALISTAIR DAVID CRAIG
THE SIMULATION OF HUMAN METHODS OF SOLVING MATHEMATICAL PROBLEMS USING DIGITAL COMPUTER PROGRAMS WITH THE CAPACITY TO LEARN. (PH.D. 1964 UNIVERSITY OF WASHINGTON) 194p. 25/12, p. 7155 **BLE65-05425**

HOLDEN, GEORGE SCOTT
CHANGES IN INSTRUCTIONAL BEHAVIOR OF TEACHERS WHO USE COMPUTER PROCESSED MATERIALS DESIGNED FOR THE INDIVIDUALIZATION OF INSTRUCTION. (ED.D. 1967 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 253p. 28/03-A, p. 1001 **BLE67-11513**

HOLLAAR, LEE ALLEN
A LIST MERGING PROCESSOR FOR INVERTED FILE INFORMATION RETRIEVAL SYSTEMS. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 78p. 36/09-B, p. 4585 **BLE76-06801**

HOLLAND, JOHN FRANCIS
STATISTICAL ANALYSIS OF ANALOG-DIGITAL-ANALOG SYSTEMS. (PH.D. 1974 STANFORD UNIVERSITY) 324p. 35/03-B, p. 1258 **BLE74-20199**

HOLLAND, JOHN FRANCIS
A UNIQUE COMPUTER-CENTERED INSTRUMENT SYSTEM FOR SIMULTANEOUS ABSORBANCE AND FLUORESCENCE MEASUREMENTS. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 140p. 33/02-B, p. 602 **BLE72-22228**

HOLLAND, MAX GREY
AN EFFICIENT ALLOCATION OF GENERAL HOSPITAL FACILITIES IN RURAL AREAS: A COMPUTER ALGORITHM METHODOLOGY. (PH.D. 1969 CLEMSON UNIVERSITY) 212p. 31/04-B, p. 2075 **BLE70-17446**

HOLLAND, ROBERT HENRY
ANALYSIS OF A FEED-FORWARD PRIORITY QUEUEING SYSTEM. (PH.D. 1973 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 144p. 34/04-B, p. 1534 **BLE73-23428**

HOLLANDER, CLIFFORD ROY
DECOMPILATION OF OBJECT PROGRAMS. (PH.D. 1973 STANFORD UNIVERSITY) 187p. 34/03-B, p. 1065 **BLE73-20483**

HOLLIDAY, WILLIAM ALBERT
APPLICATIONS OF MATHEMATICAL PROGRAMMING AND WAITING LINE THEORY TO PRODUCTION AND INVENTORY CONTROL IN SMALL AIRFRAME MANUFACTURING. (PH.D. 1966 THE UNIVERSITY OF TEXAS AT AUSTIN) 257p. 27/08-A, p. 2243 **BLE66-14392**

HOLLINGSHEAD, ANNE HUSTON
A SYSTEMS ANALYSIS MODEL FOR MINIMIZING THE FLOW OF BIOTICALLY PRODUCTIVE LAND INTO IRREVERSIBLE USES. (PH.D. 1971 OREGON STATE UNIVERSITY) 301p. 31/08-B, p. 4769 **BLE71-05423**

HOLLOWAY, CHARLES ARTHUR
A MATHEMATICAL PROGRAMMING APPROACH TO IDENTIFICATION AND OPTIMIZATION OF COMPLEX OPERATIONAL SYSTEMS, WITH THE AGGREGATE PLANNING PROBLEM AS AN EXAMPLE. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 139p. 30/11-A, p. 4617 **BLE70-09929**

HOLLOWAY, ROBERT REAGAN
I. SEDIMENTATION VELOCITY STUDIES OF MOLPADIA ARENICOLA HEMOGLOBIN AND ESCHERICHIA COLI PYRUVATE DEHYDROGENASE. II. COMPUTER SIMULATION OF THE SEDIMENTATION OF ASSOCIATING SYSTEMS. (PH.D. 1976 THE UNIVERSITY OF TEXAS AT AUSTIN) 138p. 37/05-B, p. 2206 **BLE76-26637**

HOLLSTIEN, ROY BRUCE
ARTIFICIAL GENETIC ADAPTATION IN COMPUTER CONTROL SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 310p. 32/03-B, p. 1510 **BLE71-23773**

HOLLY, MICHAEL ALVERN
AN ON-LINE GRAPHICAL SYSTEM FOR DIGITAL DESIGN. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 199p. 29/02-B, p. 577 **BLE68-11874**

HOLMES, HARVARD HATHAWAY
GRAPHICS MODELING TECHNIQUES IN COMPUTER AIDED DESIGN. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 197p. 37/01-B, p. 335 **BLE76-15223**

HOLMES, JERRY DALE
A STATE-VARIABLE APPROACH TO CONTROL SYSTEM DESIGN. (PH.D. 1965 OKLAHOMA STATE UNIVERSITY) 94p. 27/01-B, p. 176 **BLE66-04022**

HOLOIEN, MARTIN OLAF
CALCULUS AND COMPUTING: A COMPARATIVE STUDY OF THE EFFECTIVENESS OF COMPUTER PROGRAMMING AS AN AID IN LEARNING SELECTED CONCEPTS IN FIRST-YEAR CALCULUS. (PH.D. 1970 UNIVERSITY OF MINNESOTA) 201p. 31/09-A, p. 4490 **BLE71-06163**

HOLSEY, LILLA GWENDOLYN
EFFECTS OF COMPUTER-MANAGED REPEATABLE TESTING ON THE PERFORMANCE AND ATTITUDES OF STUDENTS ENROLLED IN METHODS OF RESEARCH. (PH.D. 1974 THE FLORIDA STATE UNIVERSITY) 121p. 35/07-B, p. 3429 **BLE75-00957**

HOLT, ANATOL WOLF
A MATHEMATICAL AND APPLIED INVESTIGATION OF TREE STRUCTURES FOR COMPUTER SYNTACTIC ANALYSIS. (PH.D. 1963 UNIVERSITY OF PENNSYLVANIA) 156p. 24/03, p. 1185 **BLE63-06987**

HOLT, LYNNE
A SYSTEMS ENGINEERING APPROACH TO EVALUATION SYSTEM DESIGN FOR SOCIAL SERVICE-DELIVERY. (PH.D. 1974 LEHIGH UNIVERSITY) 146p. 35/11-B, p. 5439 **BLE75-10365**

HOLT, RICHARD CRAIG
ON DEADLOCK IN COMPUTER SYSTEMS. (PH.D. 1971 CORNELL UNIVERSITY) 252p. 32/01-B, p. 229 **BLE71-17098**

HOLTON, JOHN BERNARD
A COMPUTER-BASED INFORMATION SYSTEM FOR PROGRAM BUDGETING AND FISCAL MANAGEMENT IN LOCAL SCHOOLS. (PH.D. 1970 NORTHWESTERN UNIVERSITY) 229p. 31/10-A, p. 5075 **BLE71-10125**

HOLTZ, ROBERT EDWARD
ON THE INCIPIENT BOILING OF SODIUM AND ITS APPLICATION TO REACTOR SYSTEMS. (PH.D. 1971 NORTHWESTERN UNIVERSITY) 171p. 32/06-B, p. 3402 **BLE71-30833**

HOLZE, GORDON HENRY
FREE VIBRATIONAL ANALYSIS OF STRUCTURAL SYSTEMS USING THE METHOD OF SUBSTRUCTURING. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 74p. 35/12-B, p. 5925 **BLE75-11858**

HONG, JUNG PYO
A MULTICLASS SEQUENTIAL HYPOTHESIS TEST WITH APPLICATIONS IN PATTERN RECOGNITION. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 128p. 32/07-B, p. 3944 **BLE72-03779**

HONG, SUNION THEODORE
AN EMPIRICAL STUDY OF THE EFFECTIVENESS OF PROGRAMED INSTRUCTION AND COMPUTER-ASSISTED INSTRUCTION IN ELEMENTARY ACCOUNTING. (PH.D. 1972 NEW YORK UNIVERSITY) 169p. 33/09-A, p. 4589 **BLE73-05299**

HONGLADAROM, TONGTAJ
APPROACHES TO THE LINEAR STOCHASTIC OPTIMAL CONTROL PROBLEM. (PH.D. 1969 UNIVERSITY OF MISSOURI - COLUMBIA) 109p. 30/08-B, p. 3642 **BLE70-02991**

HONIG, WILLIAM LEONARD
A MODEL OF DATA STRUCTURES COMMONLY USED IN PROGRAMMING LANGUAGES AND DATA BASE MANAGEMENT SYSTEMS. (PH.D. 1975 NORTHWESTERN UNIVERSITY) 423p. 36/11-B, p. 5665 **BLE76-11896**

HONKANEN, PENTTI ANTERO
SIMULATION AND ANALYSIS OF NONLINEAR NETWORKS ON A DIGITAL COMPUTER. (PH.D. 1967 THE PENNSYLVANIA STATE UNIVERSITY) 192p. 29/03-B, p. 1128 **BLE68-11990**

HOOKER, PAUL JEROME
SYSTEMS ANALYSIS OF UNITED STATES MANAGEMENT STRATEGIES IN THE GULF OF MEXICO SHRIMP INDUSTRY. (PH.D. 1972 THE UNIVERSITY OF FLORIDA) 201p. 33/07-A, p. 3116 **BLE73-00571**

HOOVER, LORETTA WHITE
DEVELOPMENT, EVALUATION AND DIFFUSION OF AN EDUCATIONAL MODEL, DIETETIC COM-PAK, WHICH SIMULATES COMPUTER-ASSISTED FOOD SYSTEMS MANAGEMENT. (PH.D. 1973 UNIVERSITY OF MISSOURI - COLUMBIA) 177p. 34/11-B, p. 5546 **BLE74-09945**

HOOVER, THOMAS EDWIN
INFORMATIONAL AND HUMAN FACTORS IN THE DESIGN OF MAN AND MACHINE MANAGEMENT CONTROL SYSTEMS. (PH.D. 1964 THE OHIO STATE UNIVERSITY) 194p. 25/12, p. 7115 **BLE65-03886**

HOOVER, TODD JAY
AN EXPERIMENTAL STUDY OF A COMPUTER-ASSISTED TEACHER-TRAINING SYSTEM USING FLANDERS' INTERACTION ANALYSIS CATEGORY SYSTEM PROVIDING IMMEDIATE FEEDBACK OF TEACHING BEHAVIOR TO NAIVE SUBJECTS. (PH.D. 1975 THE UNIVERSITY OF NEBRASKA - LINCOLN) 320p. 36/08-A, p. 5211 **BLE76-02028**

HOPKINS, WALTER GARRISON, III
A TECHNIQUE FOR FREQUENCY ANALYSIS OF SYSTEMS CONTAINING MULTIPLE NONLINEARITIES. (PH.D. 1970 AUBURN UNIVERSITY) 96p. 31/08-B, p. 4687 **BLE71-04891**

HOPLIN, HERMAN PETER
IMPLICATIONS OF THE INTRODUCTION OF AN ADP MANAGEMENT INFORMATION SYSTEM INTO A GOVERNMENT ORGANIZATION. (D.B.A. 1975 THE GEORGE WASHINGTON UNIVERSITY) 245p. 36/03-A, p. 1141 **BLE75-19650**

HOPPE, STEPHEN GALE
A LEAST SQUARES TECHNIQUE FOR THE IDENTIFICATION OF LINEAR SYSTEMS. (PH.D. 1965 NORTHWESTERN UNIVERSITY) 105p. 26/06, p. 3206 **BLE65-12103**

HOPWOOD, MARSHA DRAPKIN
A SEMANTIC FORMALISM AND ASSOCIATED SEMANTIC PROCESS FOR THE SPECIFICATION AND TRANSLATION OF PROGRAMMING LANGUAGES. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, IRVINE) 290p. 35/02-B, p. 778 **BLE74-19240**

HORD, RICHARD ANDERSON
A FAMILY OF QUADRATURE FORMULAS AND RELATED NUMERICAL ANALYSIS. (SC.D. 1969 UNIVERSITY OF VIRGINIA) 98p. 30/09-B, p. 4257 **BLE70-04801**

HORGAN, JOSEPH ROBERT
ABSTRACT DIGITAL COMPUTERS AND DEGREES OF UNSOLVABILITY. (PH.D. 1972 GEORGIA INSTITUTE OF TECHNOLOGY) 78p. 33/12-B, p. 5766 **BLE73-14078**

HORING, SHELDON
ON THE OPTIMUM DESIGN OF PREDICTOR CONTROL SYSTEMS. (PH.D. 1962 POLYTECHNIC INSTITUTE OF NEW YORK) 91p. 23/07, p. 2469 **BLE62-05650**

HORN, MYRON KAY
A COMPUTER SYSTEM FOR THE GEOCHEMICAL BALANCE OF THE ELEMENTS. (PH.D. 1964 RICE UNIVERSITY) 461p. 25/04, p. 2445 **BLE64-10175**

HORN, ROBERT EDWIN
MATRICES IN ANALOGUE COMPUTERS. (SC.D. 1955 WASHINGTON UNIVERSITY) 197p. 15/09, p. 1583 **BLE00-12799**

HORNBUCKLE, GARY DEAN
COMPUTER REPRESENTATION, GENERATION, AND MANIPULATION OF GRAPHICAL INFORMATION. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, BERKELEY) 80p. 28/07-B, p. 2846 **BLE68-00081**

HORNE, KENT JAMES
ASSESSMENT OF FIVE METHODS OF INFORMATION DISSEMINATION TO NORTH DAKOTA EDUCATORS. (PH.D. 1972 THE UNIVERSITY OF NORTH DAKOTA) 155p. 33/12-A, p. 6792 **BLE73-15300**

HORNE, RICHARD BENTZ; HOWE, ROBERT LEWIS
PLANNING, PROGRAMMING, BUDGETING SYSTEM SUPPORT CAPABILITIES OF THE CALIFORNIA EDUCATION INFORMATION SYSTEM. (ED.D. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 218p. 33/07-A, p. 3198 **BLE73-00739**

HOROWITZ, BARRY MARTIN
ON SOME ASPECTS OF THE DUAL CONTROL THEORY. (PH.D. 1969 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 191p. 30/11-B, p. 5047 **BLE70-09781**

HORSFIELD, BRIAN CHARLES
SIMULATION AS A TOOL IN THE SYSTEM DESIGN AND OPTIMIZATION OF FRUIT HARVEST AND HANDLING METHODS. (D.ENG. 1971 UNIVERSITY OF CALIFORNIA, DAVIS) 201p. 32/04-B, p. 2123 **BLE71-25087**

HORTON, EARL DELBERT, III
POST-DETECTION SPATIAL NORMALIZATION DESIGN ANALYSIS FOR A PASSIVE DIGITAL MULTIBEAM STEERING SONAR SYSTEM. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 122p. 34/09-B, p. 4375 **BLE74-05256**

HORTON, HUBERT MERRILL
ANALYSIS OF A VARIABLE-FREQUENCY, VARIABLE-PULSE-WIDTH MULTIPLE SWITCHING-REGULATOR SYSTEM. (PH.D. 1973 AUBURN UNIVERSITY) 126p. 34/11-B, p. 5466 **BLE74-11219**

HORTON, WILLIAM FRANKLIN
THE SYNTHESIS OF LINEAR MULTIVARIABLE CONTROL SYSTEMS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 146p. 28/02-B, p. 681 **BLE67-07393**

HORVITZ, SIGMUND ALAN
ECONOMIC OPTIMAL LEVELS OF CONTROL OF SULFUR DIOXIDE EMISSIONS FROM THE COMBUSTION OF FOSSIL FUELS. (PH.D. 1971 UNIVERSITY OF HOUSTON) 131p. 32/08-A, p. 4226 **BLE72-05345**

HORWITZ, LAWRENCE BERTRAM
AN INVESTIGATION OF ITERATION TECHNIQUES IN FUNCTION SPACES AND APPLICATIONS TO OPTIMAL CONTROL PROBLEMS. (PH.D. 1968 NEW YORK UNIVERSITY) 126p. 29/09-B, p. 3315 **BLE69-04566**

HOSHIYA, MASARU
DYNAMIC AND EIGENVALUE ANALYSIS OF STOCHASTIC STRUCTURAL SYSTEMS. (PH.D. 1969 STANFORD UNIVERSITY) 146p. 30/12-B, p. 5487 **BLE70-10466**

HOSINSKI, JOHN PHILIP
AN INVESTIGATION OF THE USE OF COMPUTER ASSISTED INSTRUCTION IN TEACHING THE SHUFFLE OFFENSE IN BASKETBALL. (ED.D. 1965 THE FLORIDA STATE UNIVERSITY) 141p. 26/10, p. 5852 **BLE66-02094**

HOSTETLER, LARRY DEAN
NONPARAMETRIC METHODS FOR STATISTICAL PATTERN RECOGNITION SYSTEMS. (PH.D. 1973 PURDUE UNIVERSITY) 153p. 34/09-B, p. 4376 **BLE74-04976**

HOTTLE, WARREN PAUL
THE FEASIBILITY OF BAYESIAN INFORMATION PROCESSING IN DELPHI FORECASTS FOR BUSINESS APPLICATIONS. (D.B.A. 1976 THE GEORGE WASHINGTON UNIVERSITY) 233p. 36/11-A, p. 7515 **BLE76-11257**

HOUGE, DONALD ROY
A COMPUTER ASSISTED PREDICTION TECHNIQUE FOR THE PREDICTION OF ACADEMIC SUCCESS IN COLLEGE. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 131p. 33/07-A, p. 3383 **BLE73-01023**

HOULE, PHILIP ARTHUR, JR.
A STUDY OF PERFORMANCE DRIVEN SCHEDULING IN A MULTIPROCESSING COMPUTER SYSTEM. (PH.D. 1973 UNIVERSITY OF MINNESOTA) 177p. 34/02-B, p. 625 **BLE73-18167**

HOUSE, ROBERT WILLIAM
THE LOGICAL DESIGN OF A GENERAL PURPOSE DIGITAL COMPUTER FOR EDUCATION AND RESEARCH. (PH.D. 1959 THE PENNSYLVANIA STATE UNIVERSITY) 200p. 20/02, p. 620 **BLE59-02888**

HOWARD, ALAN PAUL
AN ANALYSIS OF THE EFFECTS OF COMPUTER-ASSISTED REPEATABLE EXAMINATIONS ON DIFFERENT STUDENT GROUPS. (PH.D. 1975 UNIVERSITY OF WASHINGTON) 169p. 37/02-A, p. 870 **BLE76-17501**

HOWARD, DONIVAN RICHARD
WORST CASE ERROR ANALYSIS USING OPTIMAL CONTROL THEORY. (PH.D. 1964 PURDUE UNIVERSITY) 192p. 25/02, p. 1101 **BLE64-08670**

HOWARD, GEORGE EDMUND
NONLINEAR DYNAMIC RESPONSE OF A NUCLEAR POWER SYSTEM TO GROUND MOTION. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 149p. 34/06-B, p. 2655 **BLE73-28965**

HOWARD, JAMES HENRY, JR.
INFORMATION PROCESSING DEMANDS IN A SHORT-TERM-MEMORY TASK. (PH.D. 1974 BROWN UNIVERSITY) 78p. 35/11-B, p. 5667 **BLE75-09177**

HOWARD, JOHN HAYES, JR.
THE COORDINATION OF MULTIPLE PROCESSES IN COMPUTER OPERATING SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 85p. 32/07-B, p. 3889 **BLE72-02351**

HOWARD, LORN LAMBIER
COMPILER SOLUTION OF DIFFERENTIAL EQUATIONS WITH DIFFERENTIAL ANALYZER-TYPE OUTPUT. (PH.D. 1959 MICHIGAN STATE UNIVERSITY) 95p. 21/12, p. 3730 BLE61-01951

HOWARD, WALTER RAY
A PROPOSED PLAN FOR STATE-LEVEL UTILIZATION OF RESULTS OF STATEWIDE TESTING PROGRAMS. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 134p. 33/01-A, p. 79 BLE72-19607

HOWARD, WILLIAM TERRY
THE EFFECTS OF LEAST-COST COMPUTER FORMULATED LINEAR PROGRAMMED RATIONS FED AD LIBITUM UPON PERFORMANCE OF LACTATING DAIRY COWS. (PH.D. 1967 PURDUE UNIVERSITY) 185p. 28/02-B, p. 396 BLE67-10210

HOWE, HOWARD JOSEPH
ESTIMATION OF THE LINEAR AND QUADRATIC EXPENDITURE SYSTEMS: A CROSS-SECTION CASE FOR COLOMBIA. (PH.D. 1974 UNIVERSITY OF PENNSYLVANIA) 353p. 35/04-A, p. 1855 BLE74-22854

HORNE, RICHARD BENTZ; HOWE, ROBERT LEWIS
PLANNING, PROGRAMMING, BUDGETING SYSTEM SUPPORT CAPABILITIES OF THE CALIFORNIA EDUCATION INFORMATION SYSTEM. (ED.D. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 218p. 33/07-A, p. 3198 BLE73-00739

HOWE, WILLIAM JEFFREY
COMPUTER-ASSISTED DESIGN OF COMPLEX ORGANIC SYNTHESES. (PH.D. 1972 HARVARD UNIVERSITY) 391p. 33/11-B, p. 5207 BLE73-10389

HOWELL, JAMES MACGREGOR
AN ANALYSIS OF THE ROTATORY STRENGTH FOR SOME MODEL ALDEHYDES, A TERMOLECULAR PATHWAY FOR THE HYDROGEN EXCHANGE REACTION, POLYTOPAL REARRANGEMENTS WITHIN THE PHOSPHOPANE SYSTEM, BONDING WITHIN THE TETRAPHOSPHORUS RING, A COMPUTER PROGRAM FOR THE CALCULATIONS OF ATOMIC COORDINATES, AND TWO ISOMERS OF TRIIRON DODECACARBONYL. (PH.D. 1971 CORNELL UNIVERSITY) 141p. 32/08-B, p. 4516 BLE72-08886

HOWELL, TERRY ALLEN
OPTIMIZATION OF GRAIN SORGHUM WATER USE EFFICIENCY UNDER HIGH FREQUENCY IRRIGATION BY SYSTEM SIMULATION AND STOCHASTIC DYNAMIC PROGRAMMING. (PH.D. 1974 TEXAS A&M UNIVERSITY) 242p. 36/01-B, p. 335 BLE75-15031

HOWER, PHILIP LELAND
A THEORY OF SATURATION AND A CHARGE-CONTROL ANALYSIS OF A JUNCTION FIELD-EFFECT TRANSISTOR. (PH.D. 1967 STANFORD UNIVERSITY) 100p. 28/07-B, p. 2996 BLE67-17441

HOWERTON, ROBERT DUNN
COMPUTATIONAL PROCEDURES FOR THE SYNTHESIS OF LINEAR STATIONARY CONTROL SYSTEMS. (PH.D. 1970 GEORGIA INSTITUTE OF TECHNOLOGY) 160p. 31/08-B, p. 4687 BLE71-04989

HOWSE, WALTER JAMES
A COMPUTER SIMULATION OF PUBLIC SCHOOL ENROLLMENTS BASED ON MEAN SURVIVAL RATIOS. (PH.D. 1970 THE UNIVERSITY OF IOWA) 158p. 31/06-A, p. 2642 BLE70-23901

HOWSON, JOSEPH T., JR.
ORTHOGONALITY IN LINEAR SYSTEMS. (PH.D. 1963 RENSSELAER POLYTECHNIC INSTITUTE) 74p. 25/03, p. 1943 BLE64-05977

HOWZE, JO WILLIAM
DECOUPLING OF LINEAR MULTIVARIABLE SYSTEMS USING OUTPUT FEEDBACK. (PH.D. 1970 RICE UNIVERSITY) 70p. 31/06-B, p. 3398 BLE70-23526

HOYE, ROBERT EARL
GENERATION AND TESTING OF A COMPUTER GAMING AND SIMULATION MODEL BASED UPON PERFORMANCE OBJECTIVES TO BE USED IN PREPARATION OF ADMINISTRATORS IN SELECTED COMPETENCIES. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 253p. 34/10-A, p. 6302 BLE73-28923

HOYER, GALE GREGORY
MULTIVARIABLE ADAPTIVE OPTIMAL CONTROL OF A CATALYTIC REACTION SYSTEM. (PH.D. 1967 THE UNIVERSITY OF WISCONSIN - MADISON) 106p. 28/07-B, p. 2823 BLE67-10631

HSIA, HOWER J.
THE EFFECTS OF REDUNDANCY AND NOISE IN TWO CHANNEL INFORMATION PROCESSING. (PH.D. 1967 THE UNIVERSITY OF WISCONSIN - MADISON) 241p. 28/07-A, p. 2638 BLE67-10632

HSIA, RICHARD YI-YU
ESSENTIAL NETWORK ANALYSIS FOR LARGE-SCALE TRANSPORTATION SYSTEM. (PH.D. 1973 UNIVERSITY OF PITTSBURGH) 153p. 35/01-B, p. 287 BLE74-15608

HSIAO, DAVID KAI-MEI
A FILE SYSTEM FOR A PROBLEM SOLVING FACILITY. (PH.D. 1968 UNIVERSITY OF PENNSYLVANIA) 174p. 29/07-B, p. 2397 BLE69-00121

HSIAO, STEPHEN SHEN-HSI
ANALYSIS OF INFORMATION REDUCTION AND BEAM-WIDTH REDUCTION IN HOLOGRAPHY. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 213p. 33/09-B, p. 4277 BLE73-06847

HSIEH, CHANG-MING
OPTIMAL SWITCHING STRATEGIES FOR DETERMINISTIC AND STOCHASTIC BANG-BANG CONTROL SYSTEMS WITH QUADRATIC PERFORMANCE INDICES. (PH.D. 1966 POLYTECHNIC INSTITUTE OF NEW YORK) 92p. 27/06-B, p. 1921 BLE66-11441

HSIEH, HSIEN-CHIANG
SYNTHESIS OF ADAPTIVE CONTROL SYSTEMS BY THE FUNCTION SPACE METHODS. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 200p. 24/05, p. 1960 BLE63-07882

HSIEH, JEN-SHENG
STATIONARY AND NONSTATIONARY RESPONSES OF COMBINATION-RESONANCES IN A NONLINEAR SYSTEM. (PH.D. 1973 SYRACUSE UNIVERSITY) 130p. 34/11-B, p. 5481 BLE74-10147

HSIEH, PO-FANG
A TURNING POINT PROBLEM FOR A SYSTEM OF LINEAR ORDINARY DIFFERENTIAL EQUATIONS OF THE THIRD ORDER. (PH.D. 1964 UNIVERSITY OF MINNESOTA) 83p. 25/04, p. 2531 BLE64-10827

HSING, CHANG-CHENG
MODEL REFERENCE ADAPTIVE SYSTEM DESIGN FOR MULTIVARIABLE PLANTS. (PH.D. 1975 UNIVERSITY OF MASSACHUSETTS) 87p. 36/02-B, p. 847 BLE75-16566

HSIUNG, HENRY CHIEN HSIN
DYNAMIC ANALYSIS OF HYDROELASTIC SYSTEMS USING THE FINITE-ELEMENT METHOD. (PH.D. 1973 UNIVERSITY OF SOUTHERN CALIFORNIA) 399p. 34/09-B, p. 4339 BLE74-05867

HSU, CARL KO-CHI
NONSTATIONARY RANDOM VIBRATION IN NONLINEAR SYSTEMS. (PH.D. 1971 UNIVERSITY OF DELAWARE) 151p. 32/11-B, p. 6519 BLE72-14462

HSU, CHING-HWANG
CYCLICITY-CONVERSION AND POLE-ASSIGNMENT FOR MULTIVARIABLE SYSTEMS. (PH.D. 1972 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 91p. 33/07-B, p. 3076 BLE73-01129

HSU, ELMER HSIEN-CHYANG
ON-LINE COMPUTER CONTROL OF PH IN A STIRRED TANK. (PH.D. 1969 UNIVERSITY OF MASSACHUSETTS) 118p. 30/05-B, p. 2143 BLE69-19153

HSU, FU-TONG
MODELING, SIMULATION, AND OPTIMAL CONTROL OF THE HUMAN THERMAL SYSTEM. (PH.D. 1971 KANSAS STATE UNIVERSITY) 349p. 32/02-B, p. 959 BLE71-20128

HSU, HSIU-HSYONG
OPTIMAL AND SUB-OPTIMAL CONTROL OF A FIXED-BED CATALYST REGENERATOR. (SC.D. 1972 WASHINGTON UNIVERSITY) 159p. 33/11-B, p. 5269 BLE73-11814

HSU, IN-DING
MATHEMATICAL ANALYSIS OF SOME MODELS OF CHEMICAL AND BIOCHEMICAL SYSTEMS AND A NEW HOPF BIFURCATION FORMULA. (PH.D. 1975 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 97p. 36/10-B, p. 5077 BLE76-09063

HSU, JAMES SUAY-YUAN
SYSTEMS ANALYSIS OF CENTRALIZED REACTIVATION OF EXHAUSTED CARBON IN WASTEWATER TREATMENT. (PH.D. 1973 THE UNIVERSITY OF MICHIGAN) 137p. 35/01-B, p. 404 BLE74-15756

HSU, JAY CHIEN-HWAI
STATISTICAL ANALYSIS OF A CLASS OF ADAPTIVE CONTROL SYSTEMS. (PH.D. 1961 CORNELL UNIVERSITY) 153p. 22/10, p. 3580 BLE61-06850

HSU, JEN DE
A SYSTEMS APPROACH OF OPTIMAL BUS NETWORK DESIGN. (PH.D. 1975 UNIVERSITY OF COLORADO AT BOULDER) 219p. 36/08-B, p. 4090 BLE76-03910

HSU, JIUNN
ANALYSIS OF A CONTINUUM OF PROCESSOR-SHARING MODELS FOR TIME-SHARED COMPUTER SYSTEMS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 153p. 32/07-B, p. 3889 BLE72-02907

HSU, JYH-MING JEREMY
PARALLEL ARITHMETIC USING SERIAL ARITHMETIC PROCESSORS. (PH.D. 1975 SYRACUSE UNIVERSITY) 126p. 37/04-B, p. 1776 BLE76-18523

HSU, NAI-TING
PROTECTION PROPERTIES AND HARDWARE ARCHITECTURE FOR RECURSIVE VIRTUAL MACHINES. (PH.D. 1976 THE UNIVERSITY OF WISCONSIN - MADISON) 95p. 37/05-B, p. 2374 BLE76-18884

HSU, SHIH CHIEH
THE MONTE CARLO SOLUTION OF NONLINEAR SYSTEMS. (PH.D. 1976 THE UNIVERSITY OF WISCONSIN - MADISON) 131p. 37/02-B, p. 854 BLE76-15993

HSU, STEPHEN KUANG-TAO
RELAXATION METHODS FOR THE HYBRID COMPUTER SOLUTION OF A LARGE SYSTEM OF ORDINARY DIFFERENTIAL EQUATIONS. (PH.D. 1970 THE UNIVERSITY OF MICHIGAN) 141p. 31/12-B, p. 7237 BLE71-15183

HSUAN, JASON
OPTIMAL CONTROL AND DYNAMIC REPAIRMAN ASSIGNMENT FOR A LINEAR STOCHASTIC SYSTEM. (PH.D. 1975 POLYTECHNIC INSTITUTE OF NEW YORK) 123p. 36/07-B, p. 3521 BLE75-21368

HU, ANTHONY SHIH-AN
SYNTHESIS OF CONTROL SYSTEMS USING GENERALIZED DIAGRAMS BY ASSIGNING DOMINANT ROOTS. (SC.D. 1970 NEW MEXICO STATE UNIVERSITY) 124p. 31/06-B, p. 3398 BLE70-25787

HU, YEE-CHIEN
APPLICATION OF MODERN CONTROL THEORY TO DISTILLATION COLUMNS. (PH.D. 1970 UNIVERSITY OF COLORADO AT BOULDER) 428p. 31/09-B, p. 5340 BLE71-05698

HUANG, HUBERT HWA-CHOU
ANALYSIS OF RANDOM TEST PATTERN GENERATION FOR COMBINATIONAL CIRCUITS. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 129p. 32/02-B, p. 878 BLE71-21465

HUANG, RAY-CHONG
OPTIMAL DESIGN OF MECHANICAL SYSTEMS WITH INTERMITTENT MOTION. (PH.D. 1976 THE UNIVERSITY OF IOWA) 92p. 37/05-B, p. 2447 BLE76-26294

HUANG, SHENG-CHAO
OPTIMAL CONTROL PROBLEMS WITH RETARDATIONS AND RESTRICTED PHASE COORDINATES. (PH.D. 1968 UNIVERSITY OF SOUTHERN CALIFORNIA) 77p. 29/07-B, p. 2436 BLE69-00619

HUANG, SHUN YUH
MATHEMATICAL MODELS OF MULTIPROGRAMMED COMPUTER SYSTEMS INVOLVING PRIORITY. (PH.D. 1974 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 118p. 35/06-A, p. 3665 BLE74-27790

HUANG, TEDDY
STOCHASTIC LANGUAGES AND THEIR APPLICATIONS TO PATTERN RECOGNITION. (PH.D. 1972 PURDUE UNIVERSITY) 234p. 33/02-B, p. 716 BLE72-21209

HUANG, TSONG-JEN
SUPERLINEARLY CONVERGENT ALGORITHMS IN NONLINEAR PROGRAMMING. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 116p. 34/10-B, p. 4912 BLE73-28924

HUANG, VICTOR KUO-LIANG
MATHEMATICAL MODELING FOR REAL-TIME MINICOMPUTER SYSTEMS. (PH.D. 1974 UNIVERSITY OF VIRGINIA) 563p. 36/04-B, p. 1852 BLE75-22808

HUANG, WARREN HWA-NAN
NONLINEAR ADAPTIVE FILTERING AND CONTROL WITH APPLICATION TO CHEMICAL REACTOR SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF OKLAHOMA) 225p. 32/04-B, p. 2135 BLE71-26582

HUBBELL, PAUL GREGORY
DIGITAL IDENTIFICATION AND SIMULATION OF NONLINEAR SYSTEMS WITH PHYSIOLOGICAL APPLICATIONS. (PH.D. 1967 UNIVERSITY OF PENNSYLVANIA) 174p. 28/05-B, p. 1932 BLE67-12756

HUBBS, ROBERT ALLEN
ADAPTIVE QUASI-OPTIMUM SWITCHING SURFACES FOR CONTACTOR CONTROL SYSTEMS. (PH.D. 1962 STANFORD UNIVERSITY) 55p. 23/06, p. 2059 BLE62-06484

HUBER, ALBERT LEON
THE DEVELOPMENT AND APPLICATION OF AN OBJECTIVE METHOD FOR VERIFICATION OF HYDROLOGIC COMPUTER SIMULATION MODELS. (PH.D. 1971 UTAH STATE UNIVERSITY) 154p. 32/07-B, p. 3929 BLE72-04714

HUBER, EDWARD ALLEN
A METHOD OF ADAPTIVE CONTROL FOR HIGH-ORDER SYSTEMS. (PH.D. 1960 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 86p. 21/10, p. 3039 BLE61-00149

HUBER, RICHARD VAN
DESIGN TRADEOFFS FOR NETWORK COMMUNICATIONS. (PH.D. 1975 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 131p. 37/01-B, p. 335 BLE76-14602

HUBER, ROBERT RAYMOND, JR.
OPTIMAL CONTROL AIRCRAFT LANDING ANALYSIS. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 133p. 35/01-B, p. 195 BLE74-16028

HUDDLE, JAMES RICHARD
SUB-OPTIMAL CONTROL OF LINEAR DISCRETE-TIME STOCHASTIC SYSTEMS USING MEMORY ELEMENTS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 241p. 27/11-B, p. 3902 BLE67-06167

HUDDLESTON, JOHN SOLOMON
AN ANALYSIS OF COMMUNICATION LINKAGE BETWEEN RESEARCH BASED SOURCES OF INFORMATION AND THOSE INTERPERSONAL SOURCES USED AS A BASIS FOR DECISION-MAKING BY DISADVANTAGED FARM FAMILIES. (ED.D. 1973 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 119p. 37/02-A, p. 673 BLE76-17249

HUECKEL, MANFRED RUDOLF HUGO AUGUST
A LEARNING SCHEME AS A POSSIBLE BASIS FOR ARTIFICIAL INTELLIGENCE. (PH.D. 1966 CASE WESTERN RESERVE UNIVERSITY) 176p. 27/07-B, p. 2443 BLE66-14298

HUET, GERARD PIERRE
CONSTRAINED RESOLUTION: A COMPLETE METHOD FOR HIGHER-ORDER LOGIC. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 102p. 33/09-B, p. 4234 BLE73-06307

HUFFMAN, JAMES O.
A STUDY OF SUPERVISORY PRACTICES AS THEY RELATE TO SOCIAL STUDIES INSTRUCTIONAL PROGRAMS IN SELECTED TENNESSEE SCHOOL SYSTEMS. (ED.D. 1972 THE UNIVERSITY OF TENNESSEE) 265p. 33/08-A, p. 4006 BLE73-02469

HUFFMAN, LOIS LUCILE
AN EXPERIMENTAL ANALYSIS OF THE ACQUISITION OF 'IS' AND 'ARE' BY DEAF CHILDREN USING A NON-SPEECH SYMBOL SYSTEM. (PH.D. 1973 UNIVERSITY OF KANSAS) 95p. 34/12-B, p. 6261 BLE74-12677

HUFNAGEL, ROBERT ERNEST
ANALYSIS OF APERIODICALLY-SAMPLED-DATA FEEDBACK CONTROL SYSTEMS. (PH.D. 1959 CORNELL UNIVERSITY) 116p. 20/06, p. 2200 BLE59-06288

HUGHES, ARTHUR E., JR.
DATA-PROCESSING SYSTEMS: AN ANALYSIS OF THEIR NATURE AND FUNCTION IN BUSINESS ORGANIZATIONS. (PH.D. 1960 THE UNIVERSITY OF IOWA) 445p. 21/06, p. 1406 BLE60-04378

HUGHES, CHARLES EDWARD
REPRESENTATION OF MANY-ONE DEGREES BY MARKOV ALGORITHMS, SEMI-THUE SYSTEMS AND TAG SYSTEMS. (PH.D. 1970 THE PENNSYLVANIA STATE UNIVERSITY) 56p. 32/02-B, p. 878 BLE71-21759

HUGHES, DAVID KNOX
CONTRIBUTIONS TO THE THEORY OF VARIATIONAL AND OPTIMAL CONTROL PROBLEMS WITH DELAYED ARGUMENT. (PH.D. 1967 THE UNIVERSITY OF OKLAHOMA) 70p. 28/03-B, p. 1005 BLE67-09960

HUGHES, WILLIAM RODNEY
A STUDY OF THE USE OF COMPUTER SIMULATED EXPERIMENTS IN THE PHYSICS CLASSROOM. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 233p. 34/08-A, p. 4910 BLE74-03206

HULL, KEITH LEROY, JR.
SEQUENTIAL ESTIMATION OF COVARIANCE PARAMETERS OF DISCRETE-TIME LINEAR DYNAMIC SYSTEMS. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, IRVINE) 118p. 33/06-B, p. 2607 BLE72-32346

HULL, RONALD WALLACE
'ORACLE': A COMPUTER-ASSISTED LOGICAL SYSTEM FOR SYNTHESIZING THE EDUCATIONAL PHILOSOPHY OF AN INDIVIDUAL. (ED.D. 1974 WEST VIRGINIA UNIVERSITY) 418p. 35/04-A, p. 2122 BLE74-21827

HULLETT, WAYNE EDWARD
APPLICATION OF DISTRIBUTED PARAMETER CONTROL THEORY TO OPTIMAL ESTUARY AERATION. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 134p. 33/10-B, p. 4834 BLE73-10433

HULLFISH, WILLIAM ROUSE, JR.
A COMPARISON OF RESPONSE-SENSITIVE AND RESPONSE-INSENSITIVE DECISION RULES IN PRESENTING LEARNING MATERIALS IN MUSIC THEORY BY COMPUTER-ASSISTED INSTRUCTION. (ED.D. 1969 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 143p. 31/01-A, p. 415 BLE70-01101

HUMES, JOHN WILLIAM
A LINEAR MODEL FOR THE EVALUATION OF USER-INTERACTIVE RETRIEVAL SYSTEMS. (PH.D. 1969 LEHIGH UNIVERSITY) 223p. 30/08-B, p. 3733 BLE70-01728

HUMEZ, PAUL ALEXANDER
THE VOCALIC SYSTEM OF MODERN STANDARD FRENCH: A GENERATIVE - TRANSFORMATIONAL ANALYSIS. (PH.D. 1972 YALE UNIVERSITY) 591p. 33/05-A, p. 2354 **BLE72-29588**

HUMMER, JOHN LECATO
OPERATOR NETWORKS IN THE ANALYSIS OF SYSTEMS. (PH.D. 1962 STANFORD UNIVERSITY) 536p. 23/06, p. 2060 **BLE62-05485**

HUNDRUP, MARIA KRISTENSEN
COMPUTER ASSISTANCE IN NUTRITION EDUCATION. (PH.D. 1974 UNIVERSITY OF UTAH) 163p. 35/07-B, p. 3415 **BLE75-00800**

HUNG, CHAW-KWEI
THE DESIGN OF OPTIMAL AND SUB-OPTIMAL FEEDBACK CONTROLLERS FOR DISCRETE SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF NEW MEXICO) 219p. 36/06-B, p. 2984 **BLE75-28682**

HUNT, DANIEL HARRINGTON
OXYGEN TRANSPORT IN THE BRAIN MICROCIRCULATION BY A HYBRID COMPUTER NONLINEAR MONTE CARLO METHOD. (PH.D. 1971 CLEMSON UNIVERSITY) 151p. 33/01-B, p. 173 **BLE72-20775**

HUNT, JOHN DOLMAN
AN ANALYSIS OF SELECTED FACTORS IN AN AUTO-TUTORIAL SYSTEM. (ED.D. 1973 BAYLOR UNIVERSITY) 127p. 34/07-A, p. 4025 **BLE73-32737**

HUNT, MICHAEL FRANCIS
VOL. I: ASYMPTOPIA I AND II. (ORIGINAL COMPOSITION) VOL. II: RANDHIND: A FORTRAN PROGRAM THAT GENERATES TWO-VOICED EXERCISES ACCORDING TO THE RULES STATED IN PAUL HINDEMITH'S "THE CRAFT OF MUSICAL COMPOSITION" (BOOK II). (PH.D. 1974 WASHINGTON UNIVERSITY) 134p. 35/09-A, p. 6182 **BLE75-06601**

HUNT, RICHARD WADE, JR.
A COMPUTER-AIDED STUDY OF THE KINETICS OF FORMATION OF 10-MOLYBDO-2-VANADOPHOSPHORIC ACID. (PH.D. 1975 UNIVERSITY OF NEW ORLEANS) 155p. 37/01-B, p. 180 **BLE76-14746**

HUNTER, LAWRENCE WALDO
SET PROCESSING BY COMPUTABLE PROPERTIES OF DATA STRUCTURES. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 193p. 32/08-B, p. 4532 **BLE72-00417**

HUNTER, RICHARD WEBSTER
DEVELOPING THE NEW DECISION-MAKERS: A QUALITATIVE ANALYSIS OF THE NAVY SUBSPECIALTY SYSTEM. (PH.D. 1973 THE AMERICAN UNIVERSITY) 300p. 34/05-A, p. 2743 **BLE73-27703**

HUNTER, WALTER EUGENE
AN ANALYSIS OF A SYSTEMS APPROACH TO THE TEACHING-LEARNING PROCESS. (ED.D. 1972 UNIVERSITY OF COLORADO AT BOULDER) 112p. 33/08-A, p. 3955 **BLE73-01786**

HUNTINGTON, VIRGINIA RUTH
SOME APPLICATIONS OF STATISTICAL ANALYSIS IN THE DEVELOPMENT OF ACCOUNTING INFORMATION FOR CONTROL. (PH.D. 1962 THE UNIVERSITY OF TEXAS AT AUSTIN) 283p. 23/10, p. 3668 **BLE63-01666**

HUONG, ALAN YUEN-SUN
DATA PROCESSING ESTIMATIONS FOR SAMPLE SURVEYS. (PH.D. 1972 UNIVERSITY OF GEORGIA) 150p. 33/09-B, p. 4572 **BLE73-05717**

HURST, DELBERT B.
KNOWLEDGES AND SKILLS NECESSARY FOR A CAREER IN BUSINESS ELECTRONIC DATA PROCESSING. (PH.D. 1971 GEORGIA STATE UNIVERSITY - SCHOOL OF EDUCATION) 205p. 32/01-A, p. 161 **BLE71-17892**

HURST, NICHOLAS RICHARD
GASP-IV: A COMBINED CONTINUOUS/DISCRETE FORTRAN BASED SIMULATION LANGUAGE. (PH.D. 1973 PURDUE UNIVERSITY) 263p. 34/06-B, p. 2634 **BLE73-28087**

HUSSEIN, ABU-BAKR AHMED
THEORY OF OPTIMUM LOCATIONS OF INSPECTION STATIONS FOR STATISTICAL QUALITY CONTROL. (PH.D. 1965 NEW YORK UNIVERSITY) 113p. 27/01-A, p. 4 **BLE66-06462**

HUTCHINSON, GEORGE KEATING
THE DESIGN AND SIMULATION OF A MANAGEMENT INFORMATION AND CONTROL SYSTEM. (PH.D. 1964 STANFORD UNIVERSITY) 232p. 25/02, p. 901 **BLE64-07653**

HUTTON, MAURICE FRANK
ROUTH APPROXIMATION METHOD FOR HIGH-ORDER LINEAR SYSTEMS. (PH.D. 1974 POLYTECHNIC INSTITUTE OF NEW YORK) 516p. 35/04-B, p. 1708 **BLE74-22477**

HUXEL, GEORGE HENRY
A STUDY OF THE FUTURE IMPLICATIONS OF COMPUTER TECHNOLOGY FOR HIGHER EDUCATION. (ED.D. 1975 THE FLORIDA STATE UNIVERSITY) 122p. 36/06-A, p. 3447 **BLE75-26786**

HUXEL, LAWRENCE LEE
A COMPUTER-BASED SIMULATION MODEL FOR PUBLIC SCHOOL FINANCE IN NEW MEXICO. (PH.D. 1973 THE UNIVERSITY OF NEW MEXICO) 116p. 34/06-A, p. 2969 **BLE73-27797**

HUYSMANS, JAN H. B. M.
THE IMPLEMENTATION OF OPERATIONS RESEARCH: A STUDY OF SOME ASPECTS THROUGH MAN-MACHINE SIMULATION. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, BERKELEY) 282p. 29/04-A, p. 1003 **BLE68-13913**

HWANG, MYUNG KYU
ESTIMATION AND CONTROL OF STOCHASTIC CHEMICAL SYSTEMS. (PH.D. 1971 CALIFORNIA INSTITUTE OF TECHNOLOGY) 153p. 32/09-B, p. 5163 **BLE71-27100**

HYATT, MILTON LEON
ANALOG COMPUTER MODEL OF THE HYDROLOGIC AND SALINITY FLOW SYSTEMS WITHIN THE UPPER COLORADO RIVER BASIN. (PH.D. 1970 UTAH STATE UNIVERSITY) 441p. 32/02-B, p. 920 **BLE71-19121**

HYDE, DANIEL CLAIR
ANALYZING SMOOTH FLOWCHARTS: TEACHING STRUCTURED PROGRAMMING IN A COMPUTER-BASED EDUCATION ENVIRONMENT. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 220p. 36/09-B, p. 4585 **BLE76-06806**

HYDE, JOHN PAUL
A FURTHER STUDY OF POSITIVE-NEGATIVE FEEDBACK CONTROL SYSTEMS. (PH.D. 1965 UNIVERSITY OF PITTSBURGH) 244p. 27/03-B, p. 821 **BLE66-08137**

HYDEN, JOHN WILLIAM
A COMPUTER SIMULATION ANALYSIS OF SURFACE WATER QUALITY MANAGEMENT POLICIES UNDER DYNAMIC ECONOMIC AND HYDROLOGIC CONDITIONS. (PH.D. 1973 CLEMSON UNIVERSITY) 302p. 34/08-B, p. 3822 **BLE74-03905**

HYMAS, CARL EUGENE
NEIGHBORING OPTIMAL FEEDBACK CONTROL FOR DYNAMIC SYSTEMS WITH STATE-VARIABLE-INEQUALITY CONSTRAINTS. (PH.D. 1972 TEXAS A&M UNIVERSITY) 123p. 33/08-B, p. 3649 **BLE73-03544**

HYNES, ROBERT JOSEPH
THE MINIMUM-TIME REGULATOR PROBLEM FOR PULSE FREQUENCY MODULATED CONTROL SYSTEMS. (PH.D. 1969 UNIVERSITY OF WASHINGTON) 217p. 31/03-B, p. 1303 **BLE70-14706**

I

IBRAHIM, AZIZ TAWFIK
A COMPUTER-ASSISTED INSTRUCTION PROGRAM FOR TEACHING THE CONCEPTS OF LIMITS IN FRESHMAN CALCULUS (A COMPARATIVE STUDY). (ED.D. 1970 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 147p. 31/04-A, p. 1689 **BLE70-20036**

IBRAHIM, ESAM SHAFIQ
STABILITY OF NONLINEAR FEEDBACK SYSTEMS. (PH.D. 1964 PURDUE UNIVERSITY) 96p. 25/02, p. 1102 **BLE64-08672**

IDSO, SHERWOOD BURTRUM
THE PHOTOSYNTHETIC RESPONSE OF PLANTS TO THEIR ENVIRONMENT: A HOLOCOENOTIC METHOD OF ANALYSIS. VOLUME 1: THEORY. VOLUME 2: APPLICATION. VOLUME 3: DATA AND COMPUTER OUTPUT. (PH.D. 1967 UNIVERSITY OF MINNESOTA) 516p. 28/09-B, p. 3557 **BLE68-01642**

IGLEHART, STEPHEN COWLE
DESIGN OF ADAPTIVE OBSERVER-ESTIMATORS OF PRESCRIBED ORDER FOR LINEAR DISCRETE-TIME DYNAMICAL SYSTEMS. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 173p. 33/01-B, p. 198 **BLE72-20449**

IGO, ROBERT VINCENT
USING RISK TAKING BEHAVIOR TO ASSIGN STUDENTS TO INSTRUCTIONAL TREATMENTS IN A COMPUTER-ASSISTED INSTRUCTION PROGRAM. (D.ED. 1971 THE PENNSYLVANIA STATE UNIVERSITY) 95p. 33/03-A, p. 1022 **BLE72-19324**

IMAD, FAWZI PHILIP
AN ANALYSIS OF A DIGITALLY CONTROLLED POWER SYSTEM. (PH.D. 1966 NORTHWESTERN UNIVERSITY) 108p. 27/08-B, p. 2710 **BLE66-13999**

IMHOFF, JOHN LEONARD
ANALYSIS OF HIGHER EDUCATION MANAGEMENT SYSTEMS THROUGH THE USE OF DYNAMIC MODELING CONCEPTS. (PH.D. 1972 OKLAHOMA STATE UNIVERSITY) 133p. 33/12-B, p. 5846 **BLE73-15148**

INCE, FUAT
APPLICATION OF MODERN CONTROL-THEORY TO THE DESIGN OF MAN-MACHINE SYSTEMS. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 81p. 34/11-B, p. 5466 **BLE74-12051**

INFANTE, ETTORE FERRARI
A NEW APPROACH TO THE DETERMINATION OF THE DOMAIN OF STABILITY OF NONLINEAR AUTONOMOUS SECOND ORDER SYSTEMS. (PH.D. 1962 THE UNIVERSITY OF TEXAS AT AUSTIN) 130p. 25/04, p. 2421 **BLE63-01669**

INGHAM, KENNETH RUSSELL
AUDITORY OUTPUTS FOR COMPUTER AND READING MACHINES FOR THE BLIND. (PH.D. 1967 BRANDEIS UNIVERSITY) 57p. 28/07-B, p. 2987 **BLE67-16559**

INGLE, HENRY THOMAS
AN ATTITUDE-CHANGE STUDY ON CHILDREN'S PERCEPTIONS OF THE COMPUTER AS AN EXPERT SOURCE OF INFORMATION. (PH.D. 1973 STANFORD UNIVERSITY) 226p. 33/12-A, p. 6592 **BLE73-14911**

INGLING, NANCY WALLIS
CATEGORIZATION IN VISUAL INFORMATION PROCESSING. (PH.D. 1971 THE UNIVERSITY OF ROCHESTER) 81p. 32/06-B, p. 3666 **BLE72-00725**

INGRAM, WAYNE BYRON
A FINITE-ELEMENT METHOD FOR BENDING ANALYSIS OF LAYERED STRUCTURAL SYSTEMS. (PH.D. 1965 THE UNIVERSITY OF TEXAS AT AUSTIN) 239p. 26/12, p. 7207 **BLE66-01926**

IONESCU, TUDOR VLADIMIR
THE STABILIZATION OF BILINEAR SYSTEMS AND ITS APPLICATION TO THE DISCRETE MODEL REFERENCE ADAPTIVE CONTROL. (PH.D. 1976 UNIVERSITY OF MASSACHUSETTS) 172p. 37/04-B, p. 1818 **BLE76-22265**

IRACKI, EDWIN STANLEY
A COMPUTER-CONTROLLED AUTOMATED SPECTROPHOTOMETRIC SYSTEM FOR REACTION-RATE MEASUREMENTS WITH APPLICATION TO THE QUANTITATIVE DETERMINATION OF FLUORIDE ION. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 166p. 34/02-B, p. 568 **BLE73-17268**

IRBY, CLAUD JAMES, JR.
MULTIVARIABLE SYSTEM DESIGN BY COMPOSITE FEEDBACK METHOD. (PH.D. 1969 THE UNIVERSITY OF ALABAMA) 124p. 30/07-B, p. 3180 **BLE70-01389**

ISAAC, AKKANAD MATHAI
OPTIMUM DESIGN OF DATA STRUCTURES AND RETRIEVAL STRATEGIES FOR ON-LINE INFORMATION SYSTEMS. (PH.D. 1969 LEHIGH UNIVERSITY) 81p. 30/12-B, p. 5579 **BLE70-10604**

ISAACS, DAVID
AN ALGORITHM FOR SEQUENTIAL OPTIMIZATION OF CONTROL SYSTEMS. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 143p. 25/12, p. 7116 **BLE65-06032**

ISAACSON, PORTIA
PICTURE-SYSTEM MODELS AND COMPUTER SYSTEM DESIGN. (PH.D. 1974 SOUTHERN METHODIST UNIVERSITY) 331p. 36/01-B, p. 327 **BLE75-13928**

ISAKSEN, LEIF
SUBOPTIMAL CONTROL OF LARGE SCALE SYSTEMS WITH APPLICATION TO FREEWAY TRAFFIC REGULATION. (PH.D. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 238p. 32/10-B, p. 5794 **BLE72-11930**

ISHIKAWA, TOMO
INVESTIGATION OF THIRD ORDER CONTACTOR CONTROL SYSTEMS WITH ZEROS IN THEIR TRANSFER FUNCTIONS. (PH.D. 1960 STANFORD UNIVERSITY) 145p. 21/04, p. 830 **BLE60-03809**

ISHIMOTO, SUGAO
DESIGN AND DEVELOPMENT OF A GENERALIZED COMPUTER-BASED ADMISSION DATA PROCESSING MODEL: PROPOSED FOR THE JAPANESE COLLEGE ADMISSION SYSTEM. (ED.D. 1972 INDIANA UNIVERSITY) 248p. 33/09-B, p. 4371 **BLE73-06979**

ISHIZAWA OBA, JORGE
ON THE RELIABILITY ANALYSIS OF STATICALLY INDETERMINATE STRUCTURAL SYSTEMS. (PH.D. 1968 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 106p. 30/01-B, p. 188 **BLE69-10734**

ISKANDER, WAFIK HALIM
AN INVESTIGATION OF THE USE OF ARTIFICIAL INTELLIGENCE IN SOLVING THE JOB SHOP SEQUENCING PROBLEM. (PH.D. 1975 TEXAS TECH UNIVERSITY) 250p. 36/10-B, p. 5194 **BLE76-07371**

ISSHIKI, KOICHIRO
THE DEVELOPMENT AND EVALUATION OF A COMPUTER ASSISTED INSTRUCTION PROGRAM COMPARED WITH A PROGRAMMED INSTRUCTION PROGRAM. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 224p. 32/07-B, p. 3889 **BLE72-02834**

ITAHARA, SEIJI
OPTIMAL DESIGN OF EVAPORATOR SYSTEMS BY DYNAMIC PROGRAMMING. (PH.D. 1967 SYRACUSE UNIVERSITY) 148p. 28/04-B, p. 1475 **BLE67-12067**

IVES, FREDERICK MALCOLM
INTERACTIVE FILE ACCESS IN A BATCH-ORIENTED COMPUTER SYSTEM. (PH.D. 1972 WASHINGTON STATE UNIVERSITY) 92p. 33/07-B, p. 3033 **BLE73-00057**

IVEY, CARL HERBERT
ELECTRONIC DATA PROCESSING IN SMALL COLLEGES AND UNIVERSITIES. (ED.D. 1965 THE UNIVERSITY OF NEW MEXICO) 194p. 26/10, p. 5819 **BLE66-04443**

IVEY, KEITH ARDEN
A GENERAL THEORY FOR THE ANALYSIS AND SYNTHESIS OF CARRIER CONTROL SYSTEMS. (PH.D. 1962 THE UNIVERSITY OF WISCONSIN - MADISON) 428p. 23/04, p. 1305 **BLE62-04695**

IVY, EDWARD WEBER
AN ANALYSIS OF DISTRIBUTED LAG IN FEEDBACK CONTROL SYSTEMS WITH GENERAL IMPEDANCE TERMINATION. (PH.D. 1965 TEXAS A&M UNIVERSITY) 113p. 26/11, p. 6608 **BLE66-02422**

IWENS, RALPH PETER
INPUT-OUTPUT STABILITY OF CONTINUOUS AND DISCRETE TIME NONLINEAR CONTROL SYSTEMS. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, BERKELEY) 257p. 28/04-B, p. 1508 **BLE67-11631**

IZARD, CHARLES BRUCE
A STUDY OF THE PERFORMANCE OF COMPUTER SYSTEMS USING ADVANCED SECONDARY MEMORIES. (PH.D. 1975 UNIVERSITY OF MARYLAND) 164p. 37/02-B, p. 905 **BLE76-17808**

J

JABBARI, ABBAS
ANALOG COMPUTER MODEL TO PREDICT SOME CHEMICAL AND PHYSICAL PROPERTIES OF SELECTED FOOD MATERIALS. (PH.D. 1969 THE PENNSYLVANIA STATE UNIVERSITY) 119p. 31/04-B, p. 2044 **BLE70-19423**

JABLONOWSKI, DONALD PAUL
THE APPLICATION OF NEW TRANSFER-FUNCTIONS IN COHERENT OPTICAL DATA-PROCESSING. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 210p. 34/08-B, p. 3789 **BLE74-04720**

JABR, HAMID A.
MODERN ANALYTICAL DESIGN OF OPTIMAL MULTIVARIABLE CONTROL SYSTEMS. (PH.D. 1975 POLYTECHNIC INSTITUTE OF NEW YORK) 123p. 36/04-B, p. 1852 **BLE75-21370**

JACKMAN, ALAN PARKER
THE DYNAMICS AND OPTIMAL CONTROL OF THE TUBULAR PYROLYTIC REACTOR. (PH.D. 1968 UNIVERSITY OF MINNESOTA) 162p. 30/01-B, p. 179 **BLE69-11408**

JACKSON, ALBERT SMITH
SOME ASPECTS OF THE ROOT LOCUS METHOD APPLIED TO THE STUDY OF LINEAR AND NONLINEAR FEEDBACK CONTROL SYSTEMS. (PH.D. 1956 CORNELL UNIVERSITY) 111p. 16/09, p. 1651 **BLE00-18299**

JACKSON, ANDREW COLTON
DIGITAL COMPUTER SIMULATION OF RESPIRATORY MECHANICS AND EXPERIMENTAL VERIFICATION OF THE TRANSIENT-RESPONSE TO RAPID AIRWAY INTERRUPTION. (PH.D. 1972 THE UNIVERSITY OF MISSISSIPPI, MEDICAL CENTER, JACKSON) 169p. 34/03-B, p. 1246 **BLE73-19370**

JACKSON, DALE HIETT
THE APPLICATION OF DISCRETE DATA MODERN CONTROL THEORY TO MICROECONOMETRIC PROBLEMS. (PH.D. 1970 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 159p. 31/04-B, p. 1964 BLE70-19187

JACKSON, DON MERRILL, JR.
THE COMPUTER CONTROL OF AN EPITAXIAL SILICON PRODUCTION FACILITY. (PH.D. 1974 ARIZONA STATE UNIVERSITY) 277p. 35/03-B, p. 1258 BLE74-20136

JACKSON, EBENEZER ASAFUA
LINEAR AND BANG-BANG FEEDBACK STABILIZATION OF DISTRIBUTED SYSTEMS. (PH.D. 1974 UNIVERSITY OF PENNSYLVANIA) 213p. 35/04-B, p. 1665 BLE74-22856

JACKSON, HENRY ISAAC
DEVELOPMENT AND APPLICATION OF A FORMULA USING ELECTRONIC DATA PROCESSING PROGRAMS AND TECHNIQUES IN DETERMINING TEACHER LOADS IN SECONDARY SCHOOLS . (ED.D. 1965 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 140p. 26/06, p. 3126 BLE66-12659

JACKSON, JAMES HOWARD
OPTIMUM IMPLEMENTATION OF TOPOLOGICAL STRUCTURES FOR INTERACTIVE COMPUTER DISPLAYS. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 385p. 32/03-B, p. 1692 BLE71-23778

JACKSON, PETER EDWARD
NEW ALGORITHMS FOR THE TRANSIENT ANALYSIS OF NONLINEAR, TIME-VARYING SYSTEMS BY DIGITAL COMPUTER. (PH.D. 1967 DUKE UNIVERSITY) 191p. 28/11-B, p. 4577 BLE68-06896

JACOB, ROBERT JOSEPH KASSEL
COMPUTER-PRODUCED FACES AS AN ICONIC DISPLAY FOR COMPLEX DATA. (PH.D. 1976 THE JOHNS HOPKINS UNIVERSITY) 203p. 37/04-B, p. 1776 BLE76-22926

JACOBS, ALBERT HENNING, JR.
FACILITIES PLANNING AND MANUFACTURING SYSTEMS DESIGN. (PH.D. 1972 UNIVERSITY OF MASSACHUSETTS) 277p. 33/06-A, p. 2367 BLE72-33000

JACOBS, LESTER WARREN
AN ALGORITHM FOR ECONOMIC ORDER QUANTITIES IN A MULTI-ITEM INVENTORY SYSTEM WITH A CAPACITY RESTRICTION. (D.B.A. 1971 UNIVERSITY OF OREGON) 232p. 32/06-B, p. 3297 BLE72-00837

JACOBSEN, JOHN MELDGAARD
A COMPUTER MORPHOLOGY OF THE OLD CHURCH SLAVONIC LEXICON. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 322p. 33/12-A, p. 6889 BLE73-13839

JACOBSON, JAMES ALBERT
A SYSTEMS ANALYSIS OF MASTER PLANNING PUBLIC SCHOOL DISTRICTS TO DETERMINE THE FEASIBILITY OF COMPUTER UTILIZATION. (ED.D. 1969 UTAH STATE UNIVERSITY) 297p. 30/10-A, p. 4189 BLE70-02436

JACOBSON, MARJORY ENGER LUNDBOM
A STUDY OF SCHEDULING PROBLEMS AND PRACTICES IN HIGH SCHOOLS WHICH EMPLOY AND DO NOT EMPLOY DATA PROCESSING. (PH.D. 1966 THE UNIVERSITY OF MICHIGAN) 332p. 27/10-A, p. 3260 BLE66-14836

JACOBY, SCHMUEL LUDWIG SIEGFRIED
ANALYSIS OF SOME NONLINEAR HYDRAULIC SYSTEMS. (PH.D. 1962 UNIVERSITY OF CALIFORNIA, BERKELEY) 135p. 24/03, p. 1103 BLE63-06418

JACQUOT, RAYMOND GENE
A STUDY OF LEVEL PASSAGES IN THE TRANSIENT RESPONSE OF LINEAR VIBRATION SYSTEMS SUBJECT TO RANDOM EXCITATION. (PH.D. 1969 PURDUE UNIVERSITY) 153p. 30/04-B, p. 1709 BLE69-17193

JAEGER, RICHARD MORROW
DESIGNING SCHOOL TESTING PROGRAMS FOR INSTITUTIONAL APPRAISAL: AN APPLICATION OF SAMPLING THEORY. (PH.D. 1971 STANFORD UNIVERSITY) 432p. 32/02-A, p. 838 BLE71-19706

JAFARI, AMER IBRAHIM J. S.
DEVELOPMENT AND ASSESSMENT OF A COMPUTER-BASED RESOURCE UNIT IN THE TESTING, EVALUATION AND PHYSICAL REHABILITATION OF THE CARDIAC SYSTEM IN MAN. (ED.D. 1976 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 168p. 37/01-B, p. 151 BLE76-16315

JAFFE, SONDRA OSHER
SOME LINEAR ELLIPTIC SYSTEMS OF PARTIAL DIFFERENTIAL EQUATIONS WITH DOUBLY PERIODIC COEFFICIENTS. (PH.D. 1962 NEW YORK UNIVERSITY) 75p. 24/05, p. 2055 BLE63-07191

JAGADEESH, JOGIKAL MATADA
A REAL TIME IMAGE PROCESSING SYSTEM USING A COLOR TELEVISION CAMERA. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 191p. 35/11-B, p. 5424 BLE75-11367

JAGIA, ROSAMOND ROBINSON
COUNSELING EMOTIONALLY DISTURBED LATENCY AGE CHILDREN: DESCRIPTION AND FLOWCHART ANALYSIS OF A PSYCHOTHERAPEUTIC EXPERIENCE UTILIZING A COMPREHENSIVE INTEGRATIVE THERAPY SYSTEM. (PH.D. 1975 UNIVERSITY OF OREGON) 272p. 36/07-B, p. 3576 BLE76-00537

JAHODA, GERALD
CORRELATIVE INDEXING SYSTEMS FOR THE CONTROL OF RESEARCH RECORDS. (D.L.S. 1960 COLUMBIA UNIVERSITY) 211p. 21/04, p. 910 BLE60-03082

JAIN, ANIL KUMAR
SOME ASPECTS OF DIMENSIONALITY AND SAMPLE SIZE PROBLEMS IN STATISTICAL PATTERN RECOGNITION. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 95p. 34/08-B, p. 3790 BLE74-03211

JAIN, ANIL KUMAR
SYNTHESIS, IDENTIFICATION AND CONTROL OF DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF ROCHESTER) 169p. 32/06-B, p. 3356 BLE72-00726

JAIN, JIYA LAL
CONCEPTS FOR THE DEVELOPMENT OF OPTIMAL DESIGN OF HOSPITAL SOLID WASTE HANDLING SYSTEMS. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 224p. 33/11-B, p. 5423 BLE73-10581

JAIN, NIRMAL
USE OF PROGRAM STRUCTURE INFORMATION IN VIRTUAL MEMORY MANAGEMENT. (PH.D. 1975 UNIVERSITY OF HAWAII) 240p. 36/05-B, p. 2351 BLE75-25162

JAIN, VIJAY K.
OPTIMIZATION OF LINEAR SYSTEMS. (PH.D. 1964 MICHIGAN STATE UNIVERSITY) 98p. 25/11, p. 6482 BLE65-01756

JAIN, YUDH VIR SINGH
EXECUTIVE PROGRAMS FOR THE ANALYSIS AND STEADY-STATE SIMULATION OF CHEMICAL PROCESSES. (PH.D. 1974 THE UNIVERSITY OF NEBRASKA - LINCOLN) 281p. 35/05-B, p. 2163 BLE74-23913

JALICS, PAUL JOHN
MEASUREMENTS OF THE PDP10 TOPS10 OPERATING SYSTEM. (PH.D. 1973 CASE WESTERN RESERVE UNIVERSITY) 280p. 34/01-B, p. 173 BLE73-16136

JAMES, BILL JOHN
COMPUTER BASED MANAGEMENT INFORMATION SYSTEM–A MODEL TO FACILIATE DECISION-MAKING IN MEDIUM TO LARGE SCHOOL DISTRICTS. (ED.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 140p. 32/02-A, p. 701 BLE71-21467

JAMES, DANIEL JOSEPH
AN ANALYSIS OF COMMUNITY COLLEGE ADMINISTRATORS' AND COMMUNITY COLLEGE DATA PROCESSING TEACHERS' OPINIONS AS THEY RELATE TO QUALIFICATIONS AND SPECIFIC TEACHING DIFFICULTIES IN THE STATE OF ILLINOIS. (ED.D. 1972 INDIANA UNIVERSITY) 128p. 33/11-A, p. 6015 BLE73-10831

JAMES, ELRIDGE MOSES
TRADITIONAL VS COMPUTER BASED VOCATIONAL GUIDANCE AND COUNSELING SYSTEMS: IMPLICATIONS FOR DISADVANTAGED YOUTH. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 272p. 34/11-A, p. 6977 BLE74-06062

JAMES, GERALD EVERETTE
A STUDY OF ANALOG AND DIGITAL COMPUTER TECHNIQUES FOR REACTION-RATE ANALYSES. (PH.D. 1969 PURDUE UNIVERSITY) 132p. 31/01-B, p. 90 BLE70-08807

JAMES, JOHN WILLIAM, III
THE TREE-STRUCTURED DISTRIBUTED LOGIC MEMORY: A CELLULAR PARALLEL PROCESSOR FOR A REAL-TIME TELEPHONE SWITCHING SYSTEM. (PH.D. 1970 THE OHIO STATE UNIVERSITY) 142p. 31/07-B, p. 4043 BLE70-26309

JAMES, KENNETH EUGENE
A SYSTEM FOR CONVENIENT DESCRIPTION AND ANALYSIS OF LINEAR CLASSIFICATION MODELS UTILIZING AN ORTHOGONAL PROJECTION OPERATOR. (PH.D. 1969 UNIVERSITY OF MINNESOTA) 237p. 31/03-B, p. 1101 BLE70-15749

JAMESON, ROBERT ALAN
ANALYSIS OF A PROTON LINEAR ACCELERATOR RF SYSTEM AND APPLICATION TO RF PHASE CONTROL. (PH.D. 1965 UNIVERSITY OF COLORADO AT BOULDER) 295p. 26/10, p. 5950 BLE66-03243

JAN, YIH-SHUH
DESIGN OF LINEAR MINIMUM-TIME DIGITAL CONTROL SYSTEMS. (PH.D. 1974 THE PENNSYLVANIA STATE UNIVERSITY) 204p. 35/03-B, p. 1259 BLE74-21008

JANKE, THOMAS ARNOLD
RELEVANT HEALTH STATUS AND INFORMATION ANALYSIS FOR HEALTH CARE ORGANIZATIONS. (PH.D. 1975 THE UNIVERSITY OF IOWA) 344p. 36/08-B, p. 3857 BLE76-02134

JANSSEN, CHRISTIAN T. L.
AN INFORMATION-DECISION SYSTEM FOR BANK RESERVE MANAGEMENT: A DYNAMIC PROGRAMMING DECISION MODEL BASED UPON EXPONENTIALLY SMOOTHED FORECASTS OF INTEREST RATES. (PH.D. 1970 CORNELL UNIVERSITY) 82p. 31/06-A, p. 2590 BLE70-24038

JARRETT, ROBERT JOE
A STUDY OF A COMPETENCY BASED CURRICULUM USING SYSTEM ANALYSIS. (ED.D. 1972 UNIVERSITY OF UTAH) 199p. 33/07-A, p. 3199 BLE72-33283

JASTRZEMBSKI, JOSEPH STANLEY
MATHEMATICAL ANALYSIS OF MILLIMETER WAVE IMAGE CONVERSION SYSTEMS. (PH.D. 1972 UNIVERSITY OF PENNSYLVANIA) 158p. 33/04-B, p. 1550 BLE72-25597

JAWORSKI, RICHARD LEE
A HYBRID COMPUTER METHOD FOR TWO DIMENSIONAL CALCULATIONS INVOLVING THE LAPLACIAN OPERATOR. (PH.D. 1969 IOWA STATE UNIVERSITY) 69p. 30/11-B, p. 5012 BLE70-07708

JAYARAMAMURTHY, SADALI NARASAPPA
COMPUTER METHODS FOR ANALYSIS AND SYNTHESIS OF VISUAL TEXTURE. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 135p. 35/01-B, p. 179 BLE74-14561

JAZAYERI, MEHDI
ON ATTRIBUTE GRAMMARS AND THE SEMANTIC SPECIFICATION OF PROGRAMMING LANGUAGES. (PH.D. 1975 CASE WESTERN RESERVE UNIVERSITY) 107p. 36/03-B, p. 1314 BLE75-19216

JEFFERS, HOMER ALEXANDER, JR.
A QUALITY INFORMATION SYSTEMS ANALYSIS. (PH.D. 1973 COLORADO STATE UNIVERSITY) 360p. 34/03-B, p. 1315 BLE73-19665

JEFFERSON, DAVID KENOSS
A HEURISTIC PROGRAMMING SYSTEM. (ED.D. 1969 THE UNIVERSITY OF MICHIGAN) 91p. 30/05-B, p. 2278 BLE69-18031

JEFFERSON, ROBERT WAYNE
AN ANALYSIS OF INFORMATION-SEEKING BEHAVIOR INVOLVED IN THE CONSUMER DECISION TO BUY A NEW CAR. (PH.D. 1972 THE UNIVERSITY OF IOWA) 193p. 33/05-A, p. 1903 BLE72-26698

JELINEK, CARL OWEN
COMPUTER-AIDED DESIGN OF OPTIMAL CONTROL SYSTEMS. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, IRVINE) 195p. 34/02-B, p. 668 BLE73-19009

JENKINS, JOHN ALLAN
AN EXPLORATORY STUDY OF RELATIONSHIPS BETWEEN CONTROL AND AUTHORITY PATTERNS AND ORGANIZATIONAL EFFICIENCY IN URBAN MULTIUNIT COMMUNITY COLLEGE SYSTEMS. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 485p. 35/05-A, p. 2721 BLE74-25227

JENKINS, JOHN MARK
SYSTEMS ANALYSIS OF A MILITARY TRAINING COURSE FOR DISADVANTAGED ARMY INDUCTEES. (ED.D. 1971 UNIVERSITY OF VIRGINIA) 172p. 32/08-A, p. 4451 BLE72-07204

JENKINS, KENNETH W.
IDENTIFICATION AND CONTROL OF NOISY DISCRETE SYSTEMS. (PH.D. 1966 RENSSELAER POLYTECHNIC INSTITUTE) 158p. 27/12-B, p. 4395 BLE67-04176

JENNEMANN, VINCENT FRANCIS
THE ENHANCEMENT OF SEISMIC VELOCITY DETERMINATION USING INTERACTIVE COMPUTER GRAPHICS. (PH.D. 1972 THE UNIVERSITY OF TULSA) 135p. 33/03-B, p. 1161 BLE72-23465

JENNINGS, DALE LEE
A COMPUTER PROGRAM FOR GENERALIZED ECONOMICS RISK ANALYSIS. (PH.D. 1970 THE UNIVERSITY OF TENNESSEE) 298p. 32/01-A, p. 37 BLE71-17747

JENNINGS, UEL DUANE
AN INVESTIGATION OF OIL BEARING WHIRL BY ELECTRONIC-ANALOG COMPUTER TECHNIQUES. (PH.D. 1960 CORNELL UNIVERSITY) 94p. 20/12, p. 4625 BLE60-01945

JENSEN, ARTHUR ROY
COMPUTER SIMULATION OF SURFACE WATER HYDROLOGY AND SALINITY WITH AN APPLICATION TO STUDIES OF COLORADO RIVER MANAGEMENT. (PH.D. 1976 CALIFORNIA INSTITUTE OF TECHNOLOGY) 327p. 37/03-B, p. 1359 BLE76-20429

JENSEN, MARILYN ANNE
COMPUTER FAMILIARIZATION PROGRAM: ITS INFLUENCE UPON MUNICIPAL RECREATION EMPLOYEES. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 179p. 32/10-A, p. 5630 BLE72-11932

JENSEN, ROBERT WILLIAM
AUTOMATED DATA PROCESSING IN BUSINESS PROCEDURES FOR THE CENTRAL ADMINISTRATIVE OFFICE IN PUBLIC SCHOOL SYSTEMS. (ED.D. 1965 THE UNIVERSITY OF NEBRASKA - LINCOLN) 278p. 26/10, p. 5820 BLE66-02073

JENSEN, ROSALIE SEYMOUR
THE DEVELOPMENT AND TESTING OF A COMPUTER ASSISTED INSTRUCTIONAL UNIT DESIGNED TO TEACH DEDUCTIVE REASONING. (PH.D. 1966 THE FLORIDA STATE UNIVERSITY) 130p. 27/08-A, p. 2280 BLE67-00293

JEPSEN, KEITH JOSEPH
COMPUTER DECISION-MAKING IN STUDENT FINANCIAL AID ADMINISTRATION. (ED.D. 1974 INDIANA UNIVERSITY) 533p. 35/09-A, p. 5728 BLE75-05562

JERINIC, GEORGE
HYBRID COMPUTER SIMULATION OF IMPATT DIODES. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 213p. 32/10-B, p. 5794 BLE72-09131

JHIN, KYO RYOON
A STATISTICAL COMPARISON OF THE EFFECTIVENESS OF NON-TUTORIAL COMPUTER-AIDED INSTRUCTION AND CONVENTIONAL TEACHING OF ALGEBRA. (ED.D. 1971 AUBURN UNIVERSITY) 204p. 32/10-B, p. 5734 BLE72-11278

JICKLING, ROBERT STANLEY
EVALUATION OF A CONDITIONAL PROBABILITY COMPUTER FOR ON-LINE OPTIMIZATION AND CONTROL OF CHEMICAL PROCESSES. (PH.D. 1969 THE UNIVERSITY OF SASKATCHEWAN (CANADA)) 154p. 30/04-B, p. 1658 BLE69-16744

JIMENEZ, JOSE LUIS PICON
DESIGN OF A DIGITAL ADAPTIVE CONTROL SYSTEM FOR ATMOSPHERIC REENTRY VEHICLES. (PH.D. 1971 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 93p. 32/10-B, p. 5795 BLE72-12506

JIZMAGIAN, GEORGE STEPHEN
GENERALIZED PROGRAMMING SOLUTION OF CONTINUOUS-TIME LINEAR-SYSTEM OPTIMAL CONTROL PROBLEMS. (PH.D. 1969 STANFORD UNIVERSITY) 149p. 30/03-B, p. 1130 BLE69-13969

JOHNS, GARY WILLIAM
EFFECTS OF INFORMATIONAL ORDER AND FREQUENCY OF APPLICANT EVALUATION UPON LINEAR INFORMATION PROCESSING COMPETENCE IN THE EMPLOYMENT INTERVIEW. (PH.D. 1973 WAYNE STATE UNIVERSITY) 148p. 34/11-B, p. 5729 BLE74-11113

JOHNSON, ADRAIN EARL, JR.
APPLICATION OF NUMERICAL METHODS IN ANALYSIS OF FIXED BED ADSORPTION FRACTIONATION. (PH.D. 1958 THE UNIVERSITY OF FLORIDA) 195p. 22/08, p. 2731 BLE61-05507

JOHNSON, ALFRED LEROY, JR.
INTERACTIVE DESIGN OF RETICULAR ENGINEERING SYSTEMS. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 326p. 33/09-B, p. 4308 BLE73-06387

JOHNSON, BARBARA F.
THE DEVELOPMENT AND EVALUATION OF A MODEL FOR COMPUTER-ASSISTED READING INSTRUCTION IN ADULT BASIC EDUCATION PROGRAMS. (PH.D. 1974 THE FLORIDA STATE UNIVERSITY) 154p. 35/07-A, p. 4131 BLE75-00960

JOHNSON, BILLY HARVEY
ANALYSIS OF THE MIXED INITIAL-BOUNDARY VALUE PROBLEM FOR A THREE-FLUID PLASMA WITH A NUMERICAL EXAMPLE. (PH.D. 1971 MISSISSIPPI STATE UNIVERSITY) 115p. 32/07-B, p. 3900 BLE72-04374

JOHNSON, CARROLL DAVID
SINGULAR SOLUTIONS IN PROBLEMS OF OPTIMAL CONTROL. (PH.D. 1963 PURDUE UNIVERSITY) 131p. 26/05, p. 2646 BLE64-05733

JOHNSON, DAVID KAY
A COMPUTER-BASED AUDIO-RESPONSE SYSTEM FOR CLINICAL MEDICINE. (PH.D. 1969 UNIVERSITY OF UTAH) 109p. 30/09-B, p. 4216 BLE70-03768

JOHNSON, DAVID LAURENCE
THE SOLUTION OF POWER SYSTEM STABILITY PROBLEMS BY MEANS OF DIGITAL COMPUTERS. (PH.D. 1955 PURDUE UNIVERSITY) 108p. 15/12, p. 2503 BLE00-14408

JOHNSON, DOUGLAS STODDARD
A PROCESS-ORIENTED MODEL OF RESOURCE DEMANDS IN LARGE, MULTIPROCESSING COMPUTER UTILITIES. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 150p. 33/09-B, p. 4234 BLE73-07580

JOHNSON, ERIC ROBERT
CLOSED LOOP COMPUTER OPTIMIZATION OF PULSED HOLLOW CATHODE LAMPS AS SOURCES FOR ATOMIC FLUORESCENCE SPECTROSCOPY. (PH.D. 1975 THE FLORIDA STATE UNIVERSITY) 138p. 36/01-B, p. 192 BLE75-15498

JOHNSON, FRANKFORD MILAM
AN EXPERIMENT IN THE TEACHING OF PROGRAMMING LANGUAGE/ONE USING COMPUTER ASSISTED INSTRUCTION (PH.D 1969 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 108p 31/01-B, p 166 **BLE70-12069**

JOHNSON, GEORGE WENDELL
DESIGN OF OPTIMAL CONTROL SYSTEMS WITH STABILITY CONSTRAINTS VIA THE DIRECT METHOD OF LIAPUNOV (PH.D 1963 THE UNIVERSITY OF CONNECTICUT) 129p 24/11, p 4713 **BLE64-03540**

JOHNSON, HENRY CALVIN
THE EFFECTS OF SUBJECTIVE ORGANIZATIONAL ABILITY AND THE ORGANIZATION OF MATERIALS ON READING COMPREHENSION AN INFORMATION PROCESSING INTERPRETATION (PH.D 1974 MICHIGAN STATE UNIVERSITY) 178p 35/09-A, p 5925 **BLE75-07190**

JOHNSON, JEFFREY LEE
GLOBAL CONTINUOUS SOLUTIONS OF HYPERBOLIC SYSTEMS OF QUASI-LINEAR EQUATIONS (PH.D 1967 THE UNIVERSITY OF MICHIGAN) 80p 28/07-B, p 2940 **BLE67-17786**

JOHNSON, JOHN CHARLES
DECOUPLING OF MULTIVARIABLE SYSTEMS USING DISCRETE-STATE FEEDBACK (PH.D 1971 AUBURN UNIVERSITY) 131p 32/10-B, p 5795 **BLE72-11279**

JOHNSON, JOHN NORLIN
CONTROLLABILITY IN NONLINEAR CONTROL SYSTEMS (PH.D 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 114p 30/10-B, p 4697 **BLE70-06130**

JOHNSON, KENSIE ROSS
ON THE TIME DOMAIN DESIGN OF LINEAR SAMPLED-DATA SYSTEMS (PH.D 1964 MICHIGAN STATE UNIVERSITY) 111p 25/09, p 5182 **BLE65-00892**

JOHNSON, LAURENCE MURRAY
A CELLULAR COMPUTER UTILIZING MICROPROCESSORS (PH.D. 1974 UNIVERSITY OF MINNESOTA) 162p 35/07-B, p 3328 **BLE75-00171**

JOHNSON, LESTER WILLIAM, JR.
A LINEAR EXPENDITURE SYSTEM WITH RANDOM COEFFICIENTS (PH.D 1975 THE UNIVERSITY OF CONNECTICUT) 120p 35/11-A, p 6926 **BLE75-10632**

JOHNSON, PHILIP AVERY
A CLASS OF REAL-TIME VIRTUAL MEMORY SYSTEMS A MULTI-FACETED APPROACH TO COMPUTER SYSTEM DESIGN (PH.D 1973 RUTGERS UNIVERSITY THE STATE U OF NEW JERSEY (NEW BRUNSWICK)) 207p 34/10-B, p 4912 **BLE74-08792**

JOHNSON, RALPH STERLING, JR.
DETERMINATION OF A PARTIAL ROOM-TEMPERATURE TERNARY CONSTITUTION DIAGRAM IN THE AS-CAST CHROMIUM - COBALT - NICKEL SYSTEM UTILIZING A FACTORIAL EXPERIMENTAL DESIGN (PH.D 1970 THE UNIVERSITY OF MICHIGAN) 424p 31/05-B, p 2718 **BLE70-21694**

JOHNSON, RICHARD ARVID
AN APPLICATION OF ELECTRONIC DATA PROCESSING IN MANUFACTURING CONTROL (D.B.A. 1958 UNIVERSITY OF WASHINGTON) 191p 19/04, p 698 **BLE58-03280**

JOHNSON, RICHARD MILLARD
THE PROCESSING OF VISUAL FORM INFORMATION AS A FUNCTION OF REPEATED BRIEF EXPOSURES TO VISUAL STIMULI (PH.D 1975 KANSAS STATE UNIVERSITY) 129p 36/09-B, p 4732 **BLE76-05868**

JOHNSON, ROBERT JOEL
COMPUTER METHODS FOR ANALYZING ELECTRONIC ABSORPTION SPECTRA OF VITAMIN B6 ANALOGS AND ENZYMES (PH.D 1970 IOWA STATE UNIVERSITY) 157p 31/12-B, p 7092 **BLE71-14234**

JOHNSON, ROBERT RAYMOND
INVESTIGATION OF THE RESPONSE CHARACTERISTICS OF FEEDBACK CONTROL SYSTEMS DUE TO NONLINEARITIES BUILT INTO THE CONTROLLER (PH.D 1956 UNIVERSITY OF MINNESOTA) 157p 16/12, p 2421 **BLE00-17881**

JOHNSON, ROBERT THOMAS
PROVING ASSERTIONS ABOUT THE STATE-STRUCTURE OF FORMALLY-DEFINED, INTERACTING, DIGITAL SYSTEMS (PH.D 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 168p 34/10-B, p 4913 **BLE73-283[illegible]7**

JOHNSON, ROBERT WAYNE
A SYSTEM DESIGN FOR A MAGNETIC TAPE - MINICOMPUTER INTERFACE (PH.D 1972 ARIZONA STATE UNIVERSITY) 153p 33/02-B, p 717 **BLE72-22889**

JOHNSON, ROGER LAVERNE
THE APPLICATION OF THE PLASMA DISPLAY TECHNIQUE TO COMPUTER MEMORY SYSTEMS (PH.D 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 158p 32/08-B, p 4592 **BLE72-08972**

JOHNSON, RONALD FRANCIS
A COMPARISON STUDY OF THE CURRICULUM NEEDS FOR LIBRARY SCIENCE AND INFORMATION MEDIA PERSONNEL WITH SPECIAL EMPHASIS ON NONPRINT CURRICULUM (ED.D 1974 UNIVERSITY OF MONTANA) 203p 35/05-A, p 2651 **BLE74-24012**

JOHNSON, STEVEN CARL
THE APPLICATION OF THE VOLTERRA SERIES TO THE STUDY OF CERTAIN NONLINEAR DISTRIBUTED SYSTEMS (PH.D 1975 NORTHEASTERN UNIVERSITY) 362p 36/06-B, p 2953 **BLE75-28886**

JOHNSON, TED GUNNAR
AN ADAPTIVE PATTERN RECOGNITION SYSTEM (PH.D 1972 NORTHWESTERN UNIVERSITY) 193p 33/10-B, p 4805 **BLE73-10237**

JOHNSON, WARNER GOODWIN
THE EFFECTS OF COMPUTER-ASSISTED INSTRUCTION AND PROGRAMMED INSTRUCTION ON THE ACHIEVEMENT AND ATTITUDE OF NINTH-GRADE GENERAL MATHEMATICS STUDENTS (ED.D 1974 TEMPLE UNIVERSITY) 254p 35/03-A, p 1426 **BLE74-19755**

JOHNSTON, ROBERT BRUCE
AN ANALOG COMPUTER FOR THE OPERATION OF DIVISION (PH.D 1966 THE UNIVERSITY OF TEXAS AT AUSTIN) 168p 28/09-B, p 3828 **BLE67-14906**

JONAS, RONALD WILLIAM
TRANSLATION OF PROGRAMMING LANGUAGES (PH.D 1968 THE UNIVERSITY OF TEXAS AT AUSTIN) 112p 30/04-B, p 1790 **BLE69-15890**

JONAS, THOMAS JOHN
THE WORDS SYSTEM A COMPUTER-ASSISTED CONTENT ANALYSIS OF CHAIM PERELMAN'S 'NEW RHETORIC.' (PH.D 1971 BOWLING GREEN STATE UNIVERSITY) 222p 32/08-A, p 4747 **BLE72-05116**

JONES, ADALINE DOROTHY SEITZ
A SURVEY TO DETERMINE THE KNOWLEDGES AND SKILLS NEEDED BY CLERICAL WORKERS IN FIRST-LEVEL ENTRY OCCUPATIONS IN DIGITAL COMPUTER INSTALLATIONS (VOLUMES I AND II). (PH.D. 1964 THE OHIO STATE UNIVERSITY) 733p 25/09, p 4989 **BLE65-03871**

JONES, ALBERT FRANCIS
A THEORY FOR DISCRETE SIMULATIONS AN APPLICATION TO MAJOR RAILWAY SYSTEMS. (PH.D. 1976 CLEMSON UNIVERSITY) 93p 37/04-B, p. 1776 **BLE76-23045**

JONES, ANITA KATHERINE
PROTECTION IN PROGRAMMED SYSTEMS. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 145p. 34/08-B, p. 3744 **BLE74-04721**

JONES, BARCLAY GEORGE
AN EXPERIMENTAL STUDY OF THE MOTION OF SMALL PARTICLES IN A TURBULENT FLUID FIELD USING DIGITAL TECHNIQUES FOR STATISTICAL DATA PROCESSING. (PH.D. 1966 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 168p. 27/07-B, p. 2371 **BLE66-12356**

JONES, BOBBIE JEAN
A STUDY OF ADMINISTRATIVE DECISION-MAKING USING A COMPUTER SIMULATION OF AN ELEMENTARY SCHOOL. (PH.D. 1976 UNIVERSITY OF LOUISVILLE) 236p. 37/05-A, p. 2541 **BLE76-26201**

JONES, CHARLES ANDREWS, III
EMPIRICAL PROCEDURE FOR DESIGNING OPTIMUM DYNAMIC CONTROL SYSTEMS FOR NONLINEAR PROCESSES BY MEANS OF NONLINEAR CONTROL ELEMENTS. (PH.D. 1962 PRINCETON UNIVERSITY) 87p. 23/03, p. 962 **BLE62-03632**

JONES, DANIEL DAVID
POTENTIOMETRIC AND COMPUTER STUDIES OF ALBUMIN-ELECTROLYTE INTERACTIONS. (PH.D. 1970 THE UNIVERSITY OF MICHIGAN) 160p. 32/03-B, p. 1416 **BLE71-23780**

JONES, DONALD BLISS
A SYSTEMS METHODOLOGY FOR ANALYSIS OF INSTITUTIONAL INVOLVEMENT IN THE PROCESS OF TECHNOLOGICAL CHANGE. (PH.D. 1975 TEXAS A&M UNIVERSITY) 465p. 36/06-B, p. 2985 **BLE75-26115**

JONES, JAMES EDWARD
COMPUTER-SIMULATED EXPERIMENTS IN HIGH SCHOOL PHYSICS AND CHEMISTRY. (PH.D. 1972 IOWA STATE UNIVERSITY) 131p. 33/08-A, p. 4200 **BLE73-03697**

JONES, JAMES WALTER, JR.
ON THE ORGANIZATION OF A SPECIAL-PURPOSE COMPUTER AS A TIME-SHARED DIGITAL FILTER. (PH.D. 1969 AUBURN UNIVERSITY) 116p. 30/01-B, p. 203 **BLE69-11582**

JONES, JIM IRVING
A SYSTEM FOR DESIGNING AND APPROXIMATING AESTHETICALLY SMOOTH CURVES WITH INTERACTIVE GRAPHIC CONTROLS. (D.ENG. 1970 UNIVERSITY OF DETROIT) 75p. 31/10-B, p. 5922 **BLE71-09612**

JONES, LESLIE ARNOLD
STUDY OF A COMPUTER-ASSISTED STUDENT ASSESSMENT SYSTEM FOR BASIC MEDICAL SCIENCES. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 133p. 35/11-A, p. 7140 **BLE75-11669**

JONES, LINDA GAY QUINTON
COMPUTER SIMULATED COUNSELING AN EXPLORATORY STUDY IN COUNSELOR EDUCATION. (PH.D. 1973 UNIVERSITY OF MISSOURI - KANSAS CITY) 107p. 34/05-A, p. 2302 **BLE73-26940**

JONES, MORGAN JOHN
COMPUTER-ASSISTED INSTRUCTION IN MUSIC. A SURVEY WITH ATTENDANT RECOMMENDATIONS. (PH.D. 1975 NORTHWESTERN UNIVERSITY) 154p. 36/11-A, p. 7264 **BLE76-11899**

JONES, ROBERT MORRIS
AN APPLICATION OF SYSTEMS ANALYSIS TECHNIQUES IN THE DEVELOPMENT OF INSTRUCTIONAL TELEVISION UNITS FOR INSERVICE ELEMENTARY TEACHERS. (ED.D. 1973 OKLAHOMA STATE UNIVERSITY) 118p. 34/10-A, p. 6358 **BLE74-08056**

JONES, ROWEN COX
A DIAGNOSTIC - MANIPULATIVE INSTRUCTIONAL PROGRAM FOR TEACHING ADDITION AND SUBTRACTION TO SIX EMOTIONALLY DISTURBED CHILDREN A CASE STUDY APPROACH. (PH.D. 1971 UNIVERSITY OF OREGON) 337p. 32/09-A, p. 5071 **BLE72-08852**

JONES, THOMAS JEFFERSON
A TIME WEIGHTED ERROR CRITERION FOR THE SYNTHESIS OF OPTIMUM CONTROL SYSTEMS. (SC.D. 1969 NEW MEXICO STATE UNIVERSITY) 130p. 30/03-B, p. 1130 **BLE69-12781**

JONES, ULA JAY
THE APPLICATION OF COMPUTER ASSISTED INSTRUCTION TO TECHNICAL TRAINING IN THE UNITED STATES ARMY TRAINING AND DOCTRINE COMMAND SCHOOLS. (ED.D. 1973 AUBURN UNIVERSITY) 138p. 34/10-B, p. 4913 **BLE74-09463**

JONES, WAYNE ELMER
A MICROPROCESSOR-BASED INPUT/OUTPUT SYSTEM FOR AN INTERACTIVE COMPUTER. (PH.D. 1975 IOWA STATE UNIVERSITY) 80p. 36/07-B, p. 3522 **BLE76-01849**

JONNADA, RAMA KRISHNA RAO
LIMIT CYCLES OF HIGHER ORDER NONLINEAR AUTONOMOUS SYSTEMS. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 178p. 30/11-B, p. 5047 **BLE70-07810**

JOPE, CHARLENE ANN
I. THE MORPHOLOGY OF CHLOROPLASTS IN LEAVES. II. THE THREE-DIMENSIONAL ORGANIZATION OF THE CHLOROPLAST MEMBRANE SYSTEM. A COMPUTER ANALYSIS. (PH.D. 1976 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 195p. 37/05-B, p. 2042 **BLE76-25208**

JORDAN, BERNARD WILLIAM, JR.
OPTIMAL CONTROL OF DISCRETE TIME SYSTEMS. (PH.D. 1964 UNIVERSITY OF CALIFORNIA, BERKELEY) 89p. 25/03, p. 1943 **BLE64-09038**

JORDAN, DAVID
A NEW METHOD FOR CONTROL SYSTEM DESIGN. (PH.D. 1970 CORNELL UNIVERSITY) 96p. 31/09-B, p. 5366 **BLE71-01064**

JORDAN, EDDIE W.
AN ANALYSIS OF THE EFFECT OF THE INSTRUCTIONAL DEVELOPMENT INSTITUTE PROGRAM ON ATTITUDES OF A SELECTED GROUP OF PUBLIC SCHOOL PERSONNEL TOWARD UTILIZATION OF THE SYSTEMS APPROACH. (PH.D. 1974 KANSAS STATE UNIVERSITY) 108p. 35/09-A, p. 5684 **BLE74-25807**

JORDAN, EDWARD LOREN
ANALOG COMPUTER SOLUTION FOR THE RELATIVE ENERGIES OF A PARAMAGNETIC ION. (PH.D. 1964 UNIVERSITY OF KANSAS) 188p. 25/10, p. 5830 **BLE65-00586**

JORDAN, JOHN RALEIGH
DEADLINE SCHEDULING IN A MULTIPROGRAMMED COMPUTER ENVIRONMENT. (PH.D. 1974 IOWA STATE UNIVERSITY) 80p. 35/01-B, p. 179 **BLE74-15433**

JORDAN, KENNETH FLOYD
AN ANALYSIS OF THE CONTENT OF COMPUTER TECHNOLOGY WITH IMPLICATIONS FOR TECHNICAL EDUCATION. (ED.D. 1969 UNIVERSITY OF MISSOURI - COLUMBIA) 180p. 30/10-A, p. 4253 **BLE70-06589**

JORDAN, ROBERT KENNETH
THE DYNAMICS OF CHANGE IN MANPOWER REQUIREMENTS FOR THE BANKING AND MACHINERY MANUFACTURING INDUSTRIES: A COMPUTER SIMULATION. (PH.D. 1972 CLARK UNIVERSITY) 328p. 33/04-A, p. 1306 **BLE72-27361**

JORGENSEN, CHARLES CONRAD
A DATA-BASE FOR VISUAL INFORMATION. (PH.D. 1974 UNIVERSITY OF COLORADO AT BOULDER) 138p. 35/04-B, p. 1843 **BLE74-22380**

JOSEPH, PETER DANIEL
OPTIMUM DESIGN OF LINEAR MULTIVARIABLE DIGITAL CONTROL SYSTEMS. (PH.D. 1961 PURDUE UNIVERSITY) 97p. 22/07, p. 2335 **BLE61-06640**

JOSEPH, RYNA BETH
A NEW APPROACH TO SIMULTANEOUS SOLUTION ANALYSIS OF MULTICOMPONENT SYSTEMS USING ABSORPTION-SPECTROSCOPY AND NUCLEAR MAGNETIC RESONANCE (NMR) SPECTROSCOPY. (PH.D. 1973 GEORGETOWN UNIVERSITY) 245p. 34/07-B, p. 3138 **BLE74-01436**

JOSHI, ASHOK
OPTIMAL CONTROL OF EVOLUTION EQUATIONS IN BANACH SPACES. (PH.D. 1973 SYRACUSE UNIVERSITY) 81p. 35/02-B, p. 824 **BLE74-17866**

JOSSELSON, ROBERT HOWARD
ABSOLUTE AND BOUNDED-INPUT - BOUNDED-OUTPUT STABILITY OF CONTROL SYSTEMS WITH MANY NONLINEARITIES. (PH.D. 1972 OHIO UNIVERSITY) 171p. 33/08-B, p. 3650 **BLE73-04236**

JU, HAEHO
DYNAMICS AND MODAL CONTROL OF MULTIVARIABLE SYSTEMS. (PH.D. 1975 POLYTECHNIC INSTITUTE OF NEW YORK) 193p. 36/04-B, p. 1888 **BLE75-21371**

JU, SHY-MING
DESIGN AND EVALUATION OF A VIRTUAL MEMORY SYSTEM. (PH.D. 1973 UNIVERSITY OF VIRGINIA) 200p. 34/02-B, p. 828 **BLE73-18861**

JUD, HENRY GUSTAV
ON 'POSITIVE-NEGATIVE FEEDBACK' AND 'BANG-BANG' SWITCHING CONTROL SYSTEMS. (PH.D. 1962 UNIVERSITY OF PITTSBURGH) 212p. 23/12, p. 4637 **BLE63-02432**

JUDD, FRANK FULLER
ANALYSIS AND DESIGN OF SELF-OSCILLATIONS IN AUTONOMOUS RELAY CONTROL SYSTEMS. (PH.D. 1973 STEVENS INSTITUTE OF TECHNOLOGY) 331p. 34/07-B, p. 3243 **BLE74-00878**

JUDD, LARRIE FRED
SYNTHESIS OF STABLE NONLINEAR CIRCUITS AND SYSTEMS. (PH.D. 1969 TEXAS TECH UNIVERSITY) 102p. 31/05-B, p. 2680 **BLE70-20690**

JUELICH, OTTO CLEVE
COMPILATION OF SEQUENTIAL PROGRAMS FOR PARALLEL EXECUTION. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 161p. 36/08-B, p. 4070 **BLE76-03468**

JUERGENS, HUGH FREDERICK
ON THE SELECTION AND GENERATION OF PROCESS GROUPINGS AND FILE CONSOLIDATIONS FOR INFORMATION PROCESSING SYSTEM DESIGN. (PH.D. 1974 UNIVERSITY OF MINNESOTA) 400p. 35/12-B, p. 5846 **BLE75-12090**

JURICK, ROBERT RUDOLPH
COMPUTER-ORIENTED INSTRUCTIONAL SYSTEM FOR TEACHING ANALYTIC GEOMETRY. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 291p. 33/04-B, p. 1667 **BLE72-27036**

JURKEVICH, IGOR
MACHINE REDUCTION, COMPUTATION, AND ANALYSIS OF LIGHT CURVES OF ECLIPSING BINARY SYSTEMS. (PH.D. 1964 UNIVERSITY OF PENNSYLVANIA) 472p. 25/04, p. 2168 **BLE64-10386**

JURS, PETER CHRISTIAN
I. BINOMIAL DISTRIBUTION STATISTICS APPLIED TO MINIMIZING ACTIVATION ANALYSIS COUNTING ERRORS. II. AN ANALOG COMPUTER CONTROLLED GAMMA-RAY SPECTROMETER FOR COMPARATIVE ACTIVATION ANALYSIS. III. COMPUTERIZED LEARNING MACHINES FOR THE INTERPRETATION OF LOW RESOLUTION MASS SPECTROMETRY DATA. (PH.D. 1969 UNIVERSITY OF WASHINGTON) 95p. 30/06-B, p. 2575 **BLE69-20241**

JURY, ELIAHU IBRAHIM
ANALYSIS AND SYNTHESIS OF SAMPLED-DATA CONTROL SYSTEMS. (ENG.SC.D. 1953 COLUMBIA UNIVERSITY) 163p. 14/01, p. 80 **BLE00-06842**

JUST, MARCEL ADAM
SEMANTIC CONTROL OF INFORMATION PROCESSING HOW NEGATIVES AND QUANTIFIERS GOVERN VERIFICATION PROCESSES. (PH.D. 1972 STANFORD UNIVERSITY) 91p. 33/08-B, p. 3980 **BLE73-04827**

JUSTICE, JOSEPH BRUCE, JR.
PATTERN RECOGNITION, FACTOR ANALYSIS, AND INFORMATION THEORY APPLIED TO MASS-SPECTRA. (PH.D. 1974 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 130p. 35/06-B, p. 2599 **BLE74-26890**

K

KACHHAL, SWATANTRA KUMAR
THE CONFIGURATIONAL OPTIMIZATION OF COMPUTER SYSTEMS. (PH.D. 1974 UNIVERSITY OF MINNESOTA) 180p.
35/08-B, p. 4068 BLE75-02114

KACZKA, EUGENE EDWIN
THE IMPACT OF SOME DIMENSIONS OF MANAGEMENT CLIMATE ON THE PERFORMANCE OF INDUSTRIAL ORGANIZATIONS: A COMPUTER SIMULATION STUDY. (PH.D. 1966 RENSSELAER POLYTECHNIC INSTITUTE) 546p.
27/10-A, p. 3195 BLE67-04178

KAFURA, DENNIS GEORGE
ANALYSIS OF SCHEDULING ALGORITHMS FOR A MODEL OF A MULTIPROCESSOR COMPUTER SYSTEM. (PH.D. 1974 PURDUE UNIVERSITY) 198p.
36/02-B, p. 817 BLE75-17221

KAGANOV, ALAN L.
THE USE OF MODELS IN THE ANALYSIS OF TRACER DATA FROM THE HUMAN CIRCULATORY SYSTEM. (ENG.SC.D. 1974 COLUMBIA UNIVERSITY) 283p.
35/10-B, p. 4880 BLE75-09288

KAGAY, WILLIAM JACK
A DATA-MANAGEMENT SYSTEM FOR INTERACTIVE GRAPHIC DESIGN BY MATHEMATICAL PROGRAMMING. (PH.D. 1973 UNIVERSITY OF MISSOURI - COLUMBIA) 298p.
35/02-B, p. 813 BLE74-18662

KAIMANN, RICHARD ALLAN
THE DESIGN AND EXAMINATION OF A STRUCTURED INFORMATION FILE. (PH.D. 1967 THE UNIVERSITY OF IOWA) 284p. 28/08-A, p. 2831 BLE68-00946

KAKAD, YOGENDRA PURSHOTTAM
THE APPLICATION OF POLE-ZERO PLACEMENT IN THE DESIGN OF MECHANICAL SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF FLORIDA) 168p.
36/12-B, p. 6328 BLE76-12227

KALAMARAS, PETER ATHAN
AN ANALYSIS OF EDUCATIONAL CHARACTERISTICS OF DELINQUENT STUDENTS AND STUDENT ALLOCATIONS IN THE JUDICIAL SYSTEM OF SOLANO COUNTY. (ED.D. 1976 UNIVERSITY OF THE PACIFIC) 187p. 37/04-A, p. 2104 BLE76-22323

KALATA, PAUL ROY
AN INFORMATION-THEORETIC APPROACH TO ESTIMATION IN DISCRETE-TIME SYSTEMS. (PH.D. 1974 ILLINOIS INSTITUTE OF TECHNOLOGY) 137p.
35/05-B, p. 2190 BLE74-23683

KALE, DAVID W.
AN EMPIRICAL ANALYSIS OF AN INFORMATION PROCESSING MODEL FOR PERSONAL DECISION-MAKING AND CONFLICT RESOLUTION THROUGH COMMUNICATION. (PH.D. 1974 THE PENNSYLVANIA STATE UNIVERSITY) 152p.
35/11-A, p. 7431 BLE75-09790

KALED, ALBERT RICHARD
DEVELOPMENT AND EVALUATION OF A FORTRAN PROGRAMMING TEXT BASED UPON A MODIFIED GAGNE HIERARCHICAL STRUCTURE OF LEARNING. (ED.D. 1972 INDIANA UNIVERSITY) 160p.
33/11-A, p. 6062 BLE73-10636

KALFON, CHARLES
OPTIMAL CONTROL OF STOCHASTIC SYSTEMS BY PROBABILISTIC MAXIMIZATION. (PH.D. 1974 UNIVERSITY OF COLORADO AT BOULDER) 126p.
35/08-B, p. 3912 BLE75-03786

KALIKOW, DANIEL NORMAN
A GROUP OF COMPUTER PROGRAMS FOR THE ANALYSIS OF DIRECT PSYCHOPHYSICAL SCALING DATA: ITS DEVELOPMENT AND APPLICATION TO A PROBLEM IN VIBRATION PERCEPTION. (PH.D. 1969 BROWN UNIVERSITY) 255p.
31/01-B, p. 415 BLE70-08742

KALISH, AIDA
TRAINING IN MATHEMATICS APPROPRIATE FOR THE FIELD OF OPERATIONS RESEARCH. (PH.D. 1973 COLUMBIA UNIVERSITY) 269p.
34/08-B, p. 3920 BLE74-01486

KALMEY, DONALD LEE
COMPARATIVE STUDIES TOWARDS THE PERFORMANCE EVALUATION OF SOFTWARE FOR SOLVING SYSTEMS OF NONLINEAR EQUATIONS. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 207p.
36/08-B, p. 4071 BLE76-03487

KAM, JOHN BAN NANG
MONOTONE DATA FLOW ANALYSIS FRAMEWORKS: A FORMAL THEORY OF GLOBAL COMPUTER PROGRAM OPTIMIZATION. (PH.D. 1976 PRINCETON UNIVERSITY) 166p. 37/04-B, p. 1777 BLE76-22836

KAMAL, SAMIR
DIAGNOSIS OF INTERMITTENT FAULTS IN DIGITAL SYSTEMS. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 156p. 33/11-B, p. 5241 BLE73-12746

KAMAN, CHARLES HENRY
HASH CODING: TECHNIQUES AND APPLICATIONS. (PH.D. 1974 POLYTECHNIC INSTITUTE OF NEW YORK) 181p. 35/04-B, p. 1814 BLE74-22478

KAMEN, EDWARD WALTER
A DISTRIBUTIONAL-MODULE THEORETIC REPRESENTATION OF LINEAR DYNAMICAL CONTINUOUS-TIME SYSTEMS. (PH.D. 1971 STANFORD UNIVERSITY) 148p.
32/08-B, p. 4593 BLE72-06936

KAMLET, ARTHUR SAMUEL
PROCESSING OF SEQUENTIALLY PRESENTED SIGNALS IN INFORMATION-COMBINING TASKS. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 75p.
30/09-B, p. 4304 BLE70-04112

KAMOUN, FAROUK
DESIGN CONSIDERATIONS FOR LARGE COMPUTER COMMUNICATION NETWORKS. (PH.D. 1976 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 407p.
37/01-B, p. 336 BLE76-15642

KAMPEN, GARRY ROBERT
SIBYL: A FORMALLY DEFINED INTERACTIVE PROGRAMMING SYSTEM CONTAINING AN EXTENSIBLE BLOCK-STRUCTURED LANGUAGE. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 221p.
34/05-B, p. 1974 BLE73-27665

KAN, EDWIN PUN FUN
THE STUDY OF SOME ALMOST LINEAR FEEDBACK SYSTEMS AND SOME PULSE MODULATED FEEDBACK CONTROL SYSTEMS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, BERKELEY) 144p.
31/07-B, p. 4044 BLE71-00797

KANA, SAID MOHIDINE
OPTIMAL OPERATING BUDGETS: PROBLEMS AND IMPLICATIONS OF USING MATHEMATICAL PROGRAMMING. (PH.D. 1970 NEW YORK UNIVERSITY) 385p. 31/12-A, p. 6214 BLE71-11430

KANE, GERALD RANDOLPH
ITERATIVELY STRUCTURED INFORMATION PROCESSORS. (PH.D. 1972 RICE UNIVERSITY) 182p.
33/04-B, p. 1551 BLE72-26433

KANE, JOHN RICHARD
CONTROL FAULT DETECTION IN STORED-PROGRAM SYSTEMS. (PH.D. 1973 NORTHWESTERN UNIVERSITY) 194p. 34/06-B, p. 2558 BLE73-30627

GUSTAFSON, GEORGE A.; KANE, ROBERT M.
A SYSTEM APPROACH TO THE DESIGN AND RE-DESIGN OF TEACHER PREPARATION PROGRAMS. (PH.D. 1973 UNITED STATES INTERNATIONAL UNIVERSITY) 110p. 34/04-A, p. 1751 BLE73-22869

KANEKO, TOYOHISA
ACCURACY PROBLEMS OF DIGITAL SIGNAL PROCESSORS. (PH.D. 1970 PRINCETON UNIVERSITY) 125p. 31/06-B, p. 3399 BLE70-23623

KANEMATSU, HIDEKICHI
PART I: RANDOM VIBRATION OF THIN ELASTIC PLATES AND SHALLOW SHELLS. PART II: MEAN-SQUARE RESPONSE OF A NONLINEAR SYSTEM TO NONSTATIONARY RANDOM EXCITATION. (PH.D. 1971 UNIVERSITY OF MASSACHUSETTS) 241p.
32/04-B, p. 2183 BLE71-25584

KANES, LELAGE G.
A COMPARISON OF TWO TEACHING STRATEGIES USED TO PRESENT A UNIT IN ELEMENTARY MATHEMATICS USING COMPUTER-ASSISTED INSTRUCTION. (ED.D. 1971 UNIVERSITY OF PENNSYLVANIA) 150p.
32/04-A, p. 1981 BLE71-25536

KANG, GARFIELD
RESEARCHES IN OPTIMAL AND SUBOPTIMAL CONTROL THEORY. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 95p.
29/04-B, p. 1360 BLE68-14643

KANG, SHENG-FU
FERMENTATION MODELS WHICH ACCOUNT FOR CELL AGE DISTRIBUTION: OPTIMAL CONTROL AND PARAMETER DETERMINATION. (ENG.SC.D. 1974 COLUMBIA UNIVERSITY) 197p.
35/07-B, p. 3306 BLE74-29604

KANG, SUNG MO
ON THE MODELING OF SOME CLASSES OF NONLINEAR DEVICES AND SYSTEMS. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 172p.
37/01-B, p. 366 BLE76-15251

KANTROWITZ, ALAN PAUL
ADAPTIVE CONTROL OF A MULTIVARIABLE NONLINEAR PROCESS WITH APPLICATIONS TO DISTILLATION COLUMNS. (PH.D. 1970 POLYTECHNIC INSTITUTE OF NEW YORK) 140p.
31/07-B, p. 4045 BLE70-26066

KAO, CHARLES TZU-TAI
THE SPLINE APPROXIMATION IN SYSTEM SIMULATION BY DIGITAL COMPUTER. (PH.D. 1972 RICE UNIVERSITY) 135p.
33/04-B, p. 1561 BLE72-26434

KAO, MING-LUH
SYNTHESIS OF NYQUIST-TYPE WAVEFORMS AND COMPUTER MODEM APPLICATIONS. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 124p.
33/07-B, p. 3077 BLE73-01030

KAO, WILLIAM HSIA
COMPUTER-AIDED ANALYSIS OF MIXER CIRCUITS. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 104p.
37/05-B, p. 2422 BLE76-24112

KAPLAN, ROBERT MARSHALL
COMPUTER APPLICATIONS IN MARKETING: AN ANALYSIS OF CORPORATE EXPERIENCES. (PH.D. 1967 MICHIGAN STATE UNIVERSITY) 341p.
28/04-A, p. 1156 BLE67-10639

KAPPS, CHARLES AUGUSTUS
SPRINT - A PROGRAMMING LANGUAGE WITH GENERAL STRUCTURE. (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 332p.
31/10-B, p. 5922 BLE71-07817

KAPUR, KAILASH CHANDER
OPTIMIZATION TECHNIQUES FOR OPTIMAL CONTROL SYSTEMS WITH STATE SPACE CONSTRAINTS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 119p.
30/10-B, p. 4629 BLE70-06136

KARAFIN, BARRY JOEL
THE GENERAL COMPONENT TOLERANCE ASSIGNMENT PROBLEM IN ELECTRICAL NETWORKS. (PH.D. 1974 UNIVERSITY OF PENNSYLVANIA) 528p.
35/04-B, p. 1614 BLE74-22861

KARAMARDIAN, STEPAN
DUALITY IN MATHEMATICAL PROGRAMMING. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 80p.
27/03-B, p. 883 BLE66-08329

KARBASSIAN, MOHAMMAD REZA
APPLICATION OF THE PRINCIPLE OF INVARIANCE TO A DISTRIBUTED PARAMETER SYSTEM (A SHELL AND TUBE HEAT EXCHANGER). (PH.D. 1973 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 166p.
34/06-B, p. 2590 BLE73-27646

KARLGAARD, DAVID CARL
THE HEURISTIC TUNING OF VIRTUAL ARCHITECTURES FOR GLOBAL SYSTEM OPTIMZATION. (SC.D. 1974 THE GEORGE WASHINGTON UNIVERSITY) 150p.
35/01-B, p. 180 BLE74-16143

KARMARKAR, JAYANT S.
A REGULATOR DESIGN BY MATHEMATICAL PROGRAMMING METHODS. (PH.D. 1971 THE UNIVERSITY OF SANTA CLARA) 109p.
33/10-B, p. 4806 BLE73-09246

KARON, LEE GOLDWASSER
AN EXPERIMENTAL STUDY COMPARING COMPUTER-ASSISTED INSTRUCTION WITH THE TRADITIONAL LECTURE METHOD IN AN INTRODUCTORY LEARNING DISABILITIES COURSE GIVEN TO MEDICAL STUDENTS. (PH.D. 1975 NORTHWESTERN UNIVERSITY) 178p. 36/07-A, p. 4226 BLE75-29872

KARON, RICHARD THOMAS
COMPUTER-AIDED DESIGN OF HIGH VOLTAGE EQUIPMENT (BOUNDARY CONFIGURATION OPTIMIZATION IN DISTRIBUTED SYSTEMS). (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 168p.
32/01-B, p. 293 BLE71-19247

KASARDA, ANDREW JAMES
CONTRIBUTIONS TOWARD A METHODOLOGY FOR THE EVALUATION OF INFORMATION RETRIEVAL SYSTEMS. (PH.D. 1968 LEHIGH UNIVERSITY) 106p.
29/11-A, p. 4050 BLE69-07342

KASDAN, HARVEY LEE
NONPARAMETRIC PATTERN RECOGNITION. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 248p. 32/09-B, p. 5184 BLE72-09229

KASEMRATANASUNTI, WIRUSH
QUADRATURE FORMULAE AND THE IMPLEMENTATION OF OPTIMAL NONLINEAR ESTIMATION AND CONTROL OF DISCRETE-TIME STOCHASTIC SYSTEMS. (PH.D. 1973 UNIVERSITY OF KANSAS) 94p. 34/06-B, p. 2666 BLE73-30827

KASHIWAGI, YASUTADA
STABILITY OF LINEAR SYSTEMS WITH TIME DELAY. (PH.D. 1965 STANFORD UNIVERSITY) 155p.
26/11, p. 6627 BLE66-02573

KASILE, JOSEPH DAVID
OPTIMIZATION OF CLUSTER SAMPLING THROUGH EMPIRICAL INVESTIGATION OF COMPUTER SIMULATED FORESTS. (PH.D. 1972 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 194p.
33/12-B, p. 5599 BLE73-13920

KASKE, NEAL KERMIT
EFFECTIVENESS OF LIBRARY OPERATIONS: A MANAGEMENT INFORMATION SYSTEMS APPROACH AND APPLICATION. (PH.D. 1973 THE UNIVERSITY OF OKLAHOMA) 129p. 34/08-A, p. 5217 BLE74-04019

KASSLER, MICHAEL
A TRINITY OF ESSAYS: TOWARD A THEORY THAT IS THE TWELVE-NOTE CLASS SYSTEM, TOWARD DEVELOPMENT OF A CONSTRUCTIVE TONALITY THEORY BASED ON WRITINGS BY HEINRICH SCHENKER, TOWARD A SIMPLE PROGRAMMING LANGUAGE FOR MUSICAL INFORMATION RETRIEVAL. (PH.D. 1967 PRINCETON UNIVERSITY) 296p. 28/09-A, p. 3702 BLE68-02490

KASUBA, JOHN ALGIMANTAS
SYNTHESIS OF LINEAR MECHANICAL VIBRATION SYSTEMS. (PH.D. 1964 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 113p.
25/08, p. 4626 BLE65-00850

KATKUS, GENE RICHARD
A STUDY OF SELECTIVE OPTIMIZING COMPILER TECHNIQUES. (PH.D. 1973 UNIVERSITY OF SOUTHERN CALIFORNIA) 222p.
34/06-B, p. 2619 BLE73-30016

KATO, KEN
THE APPLICATION OF CONTROL THEORY TO THE STUDY OF LARGE-SCALE FIRES. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 101p.
32/01-B, p. 244 BLE71-16418

KATZ, PHILIP LEVITT
COMPUTATION OF OPTIMAL CONTROLS FOR SOME PROBLEMS NONLINEAR IN STATE AND CONTROL BY A GEOMETRIC METHOD USING REPEATED LINEARIZATION. (PH.D. 1970 THE UNIVERSITY OF MICHIGAN) 352p. 32/03-B, p. 1510 BLE71-23794

KATZ, SAUL M.
A COMPARISON OF THE EFFECTS OF TWO COMPUTER AUGMENTED METHODS OF INSTRUCTION WITH TRADITIONAL METHODS UPON ACHIEVEMENT OF ALGEBRA TWO STUDENTS IN A COMPREHENSIVE HIGH SCHOOL. (ED.D. 1971 TEMPLE UNIVERSITY) 174p. 32/03-A, p. 1188 BLE71-19866

KAUFMAN, HOWARD
STABILITY ANALYSIS OF PREDICTIVE CONTROL SYSTEMS. (PH.D. 1965 RENSSELAER POLYTECHNIC INSTITUTE) 188p. 27/02-B, p. 476 BLE66-07597

KAUFMAN, MARC THOMAS
EFFICIENT NEAR-OPTIMAL SCHEDULING OF MULTIPROCESSOR SYSTEMS. (PH.D. 1973 STANFORD UNIVERSITY) 61p. 34/03-B, p. 1065 BLE73-20487

KAUL, JAWAHAR LAL
DECISION FRAMEWORKS FOR FLOODPLAIN MANAGEMENT UNDER UNCERTAINTY WITH APPLICATIONS (A MATHEMATICAL PROGRAMMING APPROACH). (PH.D. 1976 UNIVERSITY OF MASSACHUSETTS) 139p.
37/01-A, p. 484 BLE76-14849

KAVANAGH, JACK ALBERT
A MONTE CARLO STUDY OF THE POLYNOMIAL DISCRIMINANT METHOD FOR PATTERN RECOGNITION. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 220p.
33/10-B, p. 5057 BLE73-10587

KAWAHATA, NAGAKATSU
LINEAR CONTROL SYSTEM OPTIMIZATION BY OPTIMAL SELECTION OF THE WEIGHTING-MATRICES IN QUADRATIC-COST FUNCTIONS. (PH.D. 1973 PRINCETON UNIVERSITY) 174p.
34/04-B, p. 1517 BLE73-23206

KAYANICKUPURATHU, JOSEPH THOMAS
RANDOM VIBRATIONS OF DISCRETE NONLINEAR MECHANICAL SYSTEMS. (PH.D. 1975 POLYTECHNIC INSTITUTE OF NEW YORK) 178p.
36/04-B, p. 1876 BLE75-21373

KAZANGEY, THOMAS
THE APPLICATION OF STOCHASTIC CONTROL THEORY FOR DETERMINING RESIDENTIAL HOUSING POLICIES. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 161p.
32/05-B, p. 2709 BLE71-27932

KAZEK, GREGORY JOSEPH
EFFECTS OF ROTATIONAL ENERGY ON THE NONLINEAR-EVOLUTION OF COLLISIONLESS BEAM-PLASMA SYSTEMS. (PH.D. 1974 CASE WESTERN RESERVE UNIVERSITY) 156p.
35/06-B, p. 2387 BLE74-26663

KAZEMERSKY, PHILIP MICHAEL
A COMPUTER CODE FOR REFUELING AND ENERGY SCHEDULING CONTAINING AN EVALUATOR OF NUCLEAR DECISIONS FOR OPERATION. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 223p.
35/08-B, p. 3939 **BLE75-03110**

KEARNS, ROBERT WILLIAM
A DIGITAL COMPENSATOR FOR AUTOMATIC CONTROL SYSTEMS. (PH.D. 1964 CASE WESTERN RESERVE UNIVERSITY) 228p.
25/10, p. 5831 **BLE64-12918**

KEATING, MARSHAL THORSTEIN
AN ANALYSIS OF THE RESEARCH UTILIZING PROBLEM-SOLVING (RUPS) PROGRAM AS AN INSERVICE TRAINING SYSTEM FOR EDUCATORS. (ED.D. 1972 UNIVERSITY OF IDAHO) 186p.
33/05-A, p. 2030 **BLE72-30505**

KEATON, ALVIN EUGENE
THE PHILOSOPHICAL SIGNIFICANCE OF CYBERNETICS. (PH.D. 1969 THE UNIVERSITY OF OKLAHOMA) 134p. 30/08-A, p. 3504 **BLE70-02317**

KECKLER, WILLIAM GEORGE
LINEAR OUTPUT FEEDBACK CONTROLLERS FOR LINEAR SYSTEMS. (SC.D. 1971 WASHINGTON UNIVERSITY) 164p. 32/02-B, p. 940 **BLE71-19845**

KEEFE, DENNIS ROBERT
A SOCIOLOGICAL SYSTEMS ANALYSIS OF FAMILY FOOD CONSUMPTION BEHAVIOR. (PH.D. 1972 UNIVERSITY OF GEORGIA) 154p.
33/07-A, p. 3814 **BLE72-34098**

KEEHN, DANIEL GEORGE
LEARNING THE MEAN VECTOR AND COVARIANCE MATRIX OF GAUSSIAN SIGNALS IN PATTERN RECOGNITION. (PH.D. 1963 STANFORD UNIVERSITY) 43p. 24/03, p. 1116 **BLE63-06430**

KEENE, JAMES ROLAND
APPLICATION OF CLUSTER ANALYSIS TO REAL-TIME COMPUTER MONITORING OF PHYSIOLOGICAL VARIABLES. (PH.D. 1974 SOUTHERN ILLINOIS UNIVERSITY) 321p. 35/07-B, p. 3537 **BLE75-00123**

KEICHER, WILLIAM EUGENE
PHYSICAL CONSIDERATIONS IN A POTASSIUM DIDEUTERIUM-PHOSPHATE LIGHT-VALVE FOR OPTICAL DATA-PROCESSING. (PH.D. 1974 CARNEGIE-MELLON UNIVERSITY) 256p.
34/08-B, p. 3790 **BLE74-04722**

KEITH, JOHN ELMER
THE ECONOMIC EFFICIENCY OF INTER-BASIN TRANSFERS OF AGRICULTURAL WATER IN UTAH: A MATHEMATICAL PROGRAMMING APPROACH. (PH.D. 1974 UNIVERSITY OF UTAH) 224p.
34/12-A, p. 7425 **BLE74-13230**

KEITH, ROBERT MARSHALL
GUIDELINES FOR ESTABLISHING A MARKETING COST ACCOUNTING SYSTEM IN A SMALL-TO-MEDIUM SIZED RETAIL BUSINESS WITH COMPUTER CAPIBILITY. (PH.D. 1969 THE UNIVERSITY OF ALABAMA) 270p. 30/11-A, p. 4806 **BLE70-08363**

KELLER, HERBERT B.
ON SYSTEMS OF LINEAR ORDINARY DIFFERENTIAL EQUATIONS WITH APPLICATIONS TO IONOSPHERIC PROPAGATION. (PH.D. 1954 NEW YORK UNIVERSITY) 77p. 18/03, p. 1054 **BLE00-22952**

KELLER, JOHN VANDERVEER
RESPONDING MAINTAINED BY SINUSOIDAL CYCLIC-INTERVAL SCHEDULES OF REINFORCEMENT: A CONTROL-SYSTEMS APPROACH TO OPERANT BEHAVIOR. (PH.D. 1973 UNIVERSITY OF MARYLAND) 152p. 34/06-B, p. 2901 **BLE73-28883**

KELLER, KIRBY JOE
QUALITATIVE BEHAVIOR OF INTEGRODIFFERENTIAL SYSTEMS WITH APPLICATIONS IN REACTOR-DYNAMICS. (PH.D. 1973 IOWA STATE UNIVERSITY) 108p. 34/10-B, p. 5078 **BLE74-09126**

KELLER, MARY KENNETH
INDUCTIVE INFERENCE ON COMPUTER GENERATED PATTERNS. (PH.D. 1965 THE UNIVERSITY OF WISCONSIN - MADISON) 72p.
26/09, p. 5462 **BLE65-10627**

KELLER, ROBERT EDWARD
APPLICATION OF THE ANALOG COMPUTER TO THE STUDY OF KINEMATICS. (PH.D. 1962 STANFORD UNIVERSITY) 122p. 22/12, p. 4315 **BLE62-02341**

KELLER, ROBERT MARION
CLOSURES OF PARALLEL PROGRAM SCHEMATA. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, BERKELEY) 191p. 32/02-B, p. 878 **BLE71-20833**

KELLER, THOMAS WALTER, JR.
COMPUTER SYSTEM MODELS WITH PASSIVE RESOURCES. (PH.D. 1976 THE UNIVERSITY OF TEXAS AT AUSTIN) 188p. 37/05-B, p. 2374 **BLE76-26647**

KELLEY, JAMES A.
THE ANALYSIS AND MEASUREMENT OF VALUE OF SELECTED NON-FINANCIAL PROJECT MANAGEMENT INFORMATION. (D.B.A. 1974 THE FLORIDA STATE UNIVERSITY) 283p. 35/05-A, p. 2470 **BLE74-25455**

KELLEY, ROBERT ALAN
ANALYSIS AND SIMULATION OF MINICOMPUTERS FOR DNC (DIRECT NUMERICAL CONTROL). (PH.D. 1972 UNIVERSITY OF PENNSYLVANIA) 463p.
33/12-B, p. 5766 **BLE73-13424**

KELLY, DONALD WILLIAM
OPTIMAL STATE ESTIMATION FOR LINEAR SYSTEMS. (PH.D. 1969 AUBURN UNIVERSITY) 50p.
30/03-B, p. 1132 **BLE69-14193**

KELLY, JOHN CLIFFORD
THE THEORY OF REPETITION NETWORKS WITH APPLICATION TO COMPUTER PROGRAMS. (PH.D. 1974 PURDUE UNIVERSITY) 158p.
36/02-B, p. 817 **BLE75-17226**

KELLY, JOSEPH PATRICK
THE USE OF THE TEACHER INNOVATOR INTERACTION ANALYSIS SYSTEM TO DESCRIBE AND ANALYZE THE SYNECTICS STRATEGY. (ED.D. 1974 COLUMBIA UNIVERSITY) 213p.
35/01-A, p. 301 **BLE74-15982**

KELLY, KEVIN ANTHONY
AN ON-AXIS FRESNEL ZONE PLATE IMAGING SYSTEM WITH A GERMANIUM GAMMA RAY CAMERA AND COMPUTER RECONSTRUCTION. (PH.D. 1976 THE OHIO STATE UNIVERSITY) 248p.
37/02-B, p. 933 **BLE76-17888**

KELLY, MICHAEL DAVID
VISUAL IDENTIFICATION OF PEOPLE BY COMPUTER. (PH.D. 1971 STANFORD UNIVERSITY) 247p.
31/11-B, p. 6662 **BLE71-12934**

KELLY, MICHAEL VINCENT
COURSE DEVELOPMENT IN NETWORK ANALYSIS WITH COMPUTER ORIENTATION. (D.ENG. 1968 UNIVERSITY OF DETROIT) 192p.
29/11-B, p. 4173 **BLE69-07026**

KELLY, PATRICK JOSEPH
INVESTIGATION OF NONLINEAR PROCESSES ASSOCIATED WITH THE RESONANT INTERACTION OF INFRARED CARBON-DIOXIDE LASER RADIATION WITH MOLECULAR SYSTEMS. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, DAVIS) 209p.
36/10-B, p. 5108 **BLE76-07650**

KEMP, ANITA
A COMPUTER SIMULATION OF INTER-NATION VIOLENCE. (PH.D. 1975 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 203p.
36/10-A, p. 6936 **BLE76-09069**

KEMPER, JOHN DUSTIN
OPTIMUM DAMPING IN NONLINEAR SYSTEMS SUBJECT TO SHOCK LOAD. (PH.D. 1969 UNIVERSITY OF COLORADO AT BOULDER) 283p.
30/06-B, p. 2677 **BLE69-19552**

KENDRICK, LARRY ELLIS
ON-LINE DIGITAL COMPUTER CONTROL OF THE NERVA NUCLEAR ROCKET ENGINE. (PH.D. 1972 THE UNIVERSITY OF ARIZONA) 197p.
33/01-B, p. 198 **BLE72-18965**

KENNEDY, OSCAR GEORGE
THE MEDICAL REHABILITATION SYSTEM: AN APPLICATION OF THE MANAGEMENT SCIENCES TO IMPROVE THE DELIVERY OF MEDICAL REHABILITATION HEALTH-CARE. (PH.D. 1971 NORTHWESTERN UNIVERSITY) 372p.
32/06-B, p. 3298 **BLE71-30854**

KENNEDY, STEPHEN R.
THE USE OF ACCESS FREQUENCIES IN DATA-BASE ORGANIZATION. (PH.D. 1973 CORNELL UNIVERSITY) 152p. 34/07-B, p. 3255 **BLE73-31825**

KENSKY, HARRY CHARLES
A STUDY OF THE EDUCATION AND TRAINING OF ACCOUNTANTS IN ELECTRONIC DATA PROCESSING IN THE PHILADELPHIA AREA. (ED.D. 1970 TEMPLE UNIVERSITY) 201p. 31/11-A, p. 5794 **BLE71-10818**

KENT, GEORGE ALAN
OPTIMAL CONTROL OF FUNCTIONAL DIFFERENTIAL EQUATIONS OF NEUTRAL TYPE. (PH.D. 1971 BROWN UNIVERSITY) 137p. 32/09-B, p. 5318 **BLE72-08139**

KENT, KURT EDWARD
MASS COMMUNICATION, INFORMATION CONTROL, AND DEVELOPMENT: A GENERAL SYSTEMS THEORY ANALYSIS. (PH.D. 1975 UNIVERSITY OF MINNESOTA) 213p. 37/01-A, p. 16 **BLE76-14918**

KERMANI, MEHDI
COMPUTATION OF OPTIMAL CONTROLS FOR LINEAR SYSTEMS WITH CONTROL OUTAGE. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 108p.
33/02-B, p. 759 **BLE72-22243**

KERMANI, MEHDI BAGHEBANZADEH
AN INTERACTIVE INFORMATION ORGANIZATION AND RETRIEVAL SYSTEM IN A TIME-SHARING ENVIRONMENT. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 167p.
30/10-B, p. 4620 **BLE70-06140**

KERNS, THOMAS LEWIS
COMPUTER ANALYSIS OF FOOTBALL SCOUTING INFORMATION. (PH.D. 1970 UNIVERSITY OF UTAH) 129p. 31/08-A, p. 3934 **BLE71-03976**

KERR, EUGENE GARNER
DESIGN OF AN INSTRUCTIONAL MANAGEMENT SYSTEM FOR COMPETENCY BASED TEACHER TRAINING AT WASHINGTON STATE UNIVERSITY. (ED.D. 1974 WASHINGTON STATE UNIVERSITY) 114p. 35/10-A, p. 6478 **BLE75-07647**

KERR, ROBERT BLACKBURN
NOISE IN DIGITAL COMPUTER CIRCUITS. (D.ENG. 1959 THE JOHNS HOPKINS UNIVERSITY) 73p.
20/04, p. 1304 **BLE59-03892**

KERSCHBERG, LAWRENCE H.
AN ALGEBRAIC APPROACH TO LINEAR AND MULTILINEAR SYSTEMS THEORY. (PH.D. 1969 CASE WESTERN RESERVE UNIVERSITY) 112p.
31/11-B, p. 6610 **BLE70-25974**

KERSEY, BRUCE LEWIS
USE OF THE COMPUTER IN THE STOCK SELECTION PROCESS. (PH.D. 1970 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 255p. 31/04-A, p. 1484 **BLE70-18539**

KESAVAN, HIREMAGLUR KRISHNASWAMY
A NEW CRITERION FOR SATISFACTORY COMMUTATION AND A DIGITAL COMPUTER PROGRAM FOR DESIGN. (PH.D. 1959 MICHIGAN STATE UNIVERSITY) 69p.
22/12, p. 4311 **BLE62-00437**

KESSELL, DAVID LEE
ERROR EVALUATION AND MODEL VALIDATION IN STATISTICAL PATTERN RECOGNITION. (PH.D. 1972 PURDUE UNIVERSITY) 156p.
33/06-B, p. 2608 **BLE72-30917**

KESSLER, KENNETH MARK
FINITE CONTROL AND OBSERVATION OF DISTRIBUTED PARAMETER SYSTEMS. (SC.D. 1972 WASHINGTON UNIVERSITY) 219p.
32/12-B, p. 7171 **BLE72-17971**

KESTENBAUM, AARON
APPLICATIONS OF MODERN CONTROL THEORY TO THE CONTROL OF INCOMPLETELY SPECIFIED CHEMICAL PROCESSES. (PH.D. 1974 CITY UNIVERSITY OF NEW YORK) 85p.
35/03-B, p. 1244 **BLE74-20647**

KETTIG, ROBERT LAWRENCE
COMPUTER CLASSIFICATION OF REMOTELY SENSED MULTISPECTRAL IMAGE DATA BY EXTRACTION AND CLASSIFICATION OF HOMOGENEOUS OBJECTS. (PH.D. 1975 PURDUE UNIVERSITY) 194p.
36/07-B, p. 3522 **BLE76-00649**

KETTLER, DAVID ALLEN
STABILIZATION OF DISCRETE SYSTEMS WITH STATE FEEDBACK PREDICTIVE CONTROLLERS. (PH.D. 1971 UNIVERSITY OF VIRGINIA) 108p.
32/08-B, p. 4593 **BLE72-07277**

KEYHANI, ALI
STOCHASTIC LOAD MODELING AND OPTIMAL DYNAMIC GENERATION CONTROL IN POWER SYSTEMS. (PH.D. 1975 PURDUE UNIVERSITY) 209p.
36/07-B, p. 3522 **BLE76-00650**

KHADR, GALAL EL-SAYED
COMPUTER APPROACH TO ECONOMIC POWER SYSTEM SCHEDULING. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 123p.
31/03-B, p. 1276 **BLE70-14563**

KHAILANY, ASAD SAID OMAR
CONSTRAINED SINGLE PERIOD MULTICOMMODITY INVENTORY CONTROL: OPTIMAL AND APPROXIMATE OPTIMAL POLICY. (SC.D. 1972 WASHINGTON UNIVERSITY) 132p. 33/03-B, p. 1083 **BLE72-24253**

KHAN, QAMAR UDDIN AHMAD
STABILITY ANALYSIS OF NONLINEAR SYSTEMS BY FIRST METHOD OF LYAPUNOV. (PH.D. 1967 THE UNIVERSITY OF ALABAMA) 49p.
28/01-B, p. 181 **BLE67-08483**

KHAN, SHAKIL AHMAD
PART I: AA'BB' SPECTRAL ANALYSIS. PART II: CONFORMATIONAL STUDIES OF SIX-MEMBERED AND EIGHT-MEMBERED HETEROCYCLIC RING SYSTEMS. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 112p.
35/06-B, p. 2685 **BLE74-28661**

KHANDELWAL, BRIJ MOHAN
A GENERALIZED METHOD FOR THE DYNAMIC-KINEMATIC ANALYSIS OF ARBITRARY SPATIAL MECHANISMS USING THE DIGITAL COMPUTER. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 297p. 35/08-B, p. 3946 **BLE74-24731**

KHANDHERIA, JAWAHAR
COMPUTER CONTROL OF DISTILLATION COLUMN CONTAINING ANALOG OVERRIDES. (PH.D. 1976 LEHIGH UNIVERSITY) 83p.
37/04-B, p. 1794 **BLE76-21816**

KHATRI, HIRALAL CHHAGANLAL
OPTIMUM CONTROL OF LINEAR DISTRIBUTED SYSTEMS. (PH.D. 1966 PURDUE UNIVERSITY) 119p.
27/02-B, p. 491 **BLE66-07443**

KHER, RAMESH KUMAR
A SYSTEMS ANALYSIS OF RIGID PAVEMENT DESIGN. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 251p. 32/10-B, p. 5780 **BLE72-11384**

KHO, JAMES WANG
OPTIMAL ORGANIZATION OF I/O (INPUT/OUTPUT) OPERATIONS IN MULTIPROGRAMMED SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 196p. 33/12-B, p. 5766 **BLE73-09206**

KIA-KOOJOORI, TOORAJ
STABILITY OF A FEEDBACK-CONTROLLED DISTRIBUTED-PARAMETER SYSTEM WITH APPLICATION TO AN IRRIGATION CANAL. (PH.D. 1974 UNIVERSITY OF WYOMING) 94p.
35/05-B, p. 2191 **BLE74-23697**

KIANG, WAN-LIN
CONTROLLABILITY OF TWO-LEVEL LINEAR DYNAMICAL SYSTEMS. (PH.D. 1968 CASE WESTERN RESERVE UNIVERSITY) 232p.
29/12-B, p. 4626 **BLE69-09411**

KIANG, YEN-HSIUNG
DYNAMIC-SYSTEM IDENTIFICATION AND PARAMETER-ESTIMATION VIA SPECTRAL-ANALYSIS. (PH.D. 1973 THE UNIVERSITY OF FLORIDA) 317p.
35/02-B, p. 802 **BLE74-19156**

KIDD, DAVID WALLACE
A SYSTEMS APPROACH TO ANALYSIS OF THE AGRICULTURAL EXTENSION SERVICE OF WESTERN NIGERIA. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 237p.
32/07-A, p. 3654 **BLE71-28997**

KIDDER, CAROLE LEE
USING THE COMPUTER TO MEASURE SYNTACTIC DENSITY AND VOCABULARY INTENSITY IN THE WRITING OF ELEMENTARY SCHOOL CHILDREN. (PH.D. 1974 THE PENNSYLVANIA STATE UNIVERSITY) 158p. 35/06-A, p. 3524 **BLE74-28966**

KIEHN, TIMOTHY EVERETT
COMPUTER ANALYSIS OF TRANSFORMING LYMPHOCYTES. (PH.D. 1972 THE UNIVERSITY OF ARIZONA) 65p. 32/10-B, p. 5880 **BLE72-13275**

KIELSMEIER, CATHERINE
DEVELOPMENT OF AN ADAPTED SYSTEMS MODEL FOR DESIGN OF COLLEGE LEVEL INSTRUCTION. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 138p. 32/01-A, p. 306 **BLE71-18419**

KIEREN, THOMAS ERVIN
THE COMPUTER AS A TEACHING AID FOR ELEVENTH GRADE MATHEMATICS: A COMPARISON STUDY. (PH.D. 1968 UNIVERSITY OF MINNESOTA) 258p.
29/10-A, p. 3526 **BLE68-17690**

KIEWITT, EVA LORENE
PROBE: COMPUTER SEARCHES OF THE ERICTAPES-AN EVALUATION OF A PILOT STUDY. (PH.D. 1973 INDIANA UNIVERSITY) 249p.
34/08-A, p. 5217 **BLE74-04680**

KIKUCHI, SHINYA
TRANSIT SYSTEM ANALYSIS: PARAMETRIC RELATIONSHIPS OF COMPONENTS. (PH.D. 1974 UNIVERSITY OF PENNSYLVANIA) 205p.
36/01-B, p. 365 **BLE75-14581**

KILMER, WILLIAM LAWRENCE
THE RELIABILITY PROBLEM IN DIGITAL COMPUTER NETS. (PH.D. 1959 THE UNIVERSITY OF MICHIGAN) 103p. 20/04, p. 1304 **BLE59-03930**

KIM, BYUNG-KOO
PIECEWISE LINEAR DYNAMIC SYSTEMS WITH TIME DELAYS. (PH.D. 1972 CALIFORNIA INSTITUTE OF TECHNOLOGY) 163p.
33/06-B, p. 2624 **BLE72-30809**

KIM, CHAN KYU
OPTIMIZATION OF DISCRETE STATE LINEAR MULTIVARIABLE SYSTEMS. (PH.D. 1962 MICHIGAN STATE UNIVERSITY) 73p.
24/01, p. 230 **BLE63-03725**

KIM, CHANGSE
DYNAMIC MODELING AND CONTROL OF LARGE STAGED SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF ROCHESTER) 278p. 34/05-B, p. 2002 **BLE73-25818**

KIM, CHURL SUK
SPECTRAL THEORY FOR SINGULAR LINEAR SYSTEMS OF HAMILTONIAN DIFFERENTIAL EQUATIONS. (PH.D. 1970 THE UNIVERSITY OF OKLAHOMA) 58p.
31/07-B, p. 4201 **BLE71-01489**

KIM, HAK NAE
ON-LINE MULTIVARIABLE OPTIMAL CONTROL OF A CHEMICAL REACTOR. (PH.D. 1975 NORTHWESTERN UNIVERSITY) 117p. 36/07-B, p. 3495 **BLE75-29677**

KIM, HYUN-JIK
A NEW ADAPTIVE DELTA-MODULATION SYSTEM. (PH.D. 1975 IOWA STATE UNIVERSITY) 85p.
36/07-B, p. 3522 **BLE76-01651**

KIM, MYUNG HAN
THE EDUCATIONAL POLICY-MAKING PROCESS IN THE REPUBLIC OF KOREA: A SYSTEMS ANALYSIS. (ED.D. 1974 NORTH TEXAS STATE UNIVERSITY) 201p. 35/07-A, p. 4079 BLE75-00887

KIM, YOUNG CHANG
MATHEMATICAL PROGRAMMING ANALYSIS OF MINE PLANNING PROBLEMS. (PH.D. 1967 THE PENNSYLVANIA STATE UNIVERSITY) 168p. 29/01-B, p. 209 BLE68-08708

KIMBALL, RALPH BRIAN
SELF-OPTIMIZING COMPUTER-ASSISTED TUTORING: THEORY AND PRACTICE. (PH.D. 1973 STANFORD UNIVERSITY) 143p. 34/06-B, p. 2686 BLE73-30419

KIMBALL, ROBERT QUICK
AN EXPERIMENTAL STUDY OF THE USE OF A COMPUTER-BASED CLASSROOM SIMULATOR IN TEACHER EDUCATION. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 177p. 35/11-A, p. 7169 BLE75-10202

KIMELFELD, BENJAMIN
AN ORTHOGONAL REPRESENTATION OF NONLINEAR SYSTEMS. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 79p. 33/05-B, p. 2399 BLE72-29859

KIMM, GEORGE Y.
AUTOMOTOP, A COMPUTER ARCHITECTURE AS A SOLUTION TO THE PROBLEM OF PERFORMING AUTOMOTIVE CONTROL FUNCTIONS. (PH.D. 1975 WAYNE STATE UNIVERSITY) 217p. 36/11-B, p. 5723 BLE76-10969

KIMMLE, MANFRED
DESIGN OF MANAGEMENT INFORMATION SYSTEMS: AN APPROACH AND CASE STUDY. (D.B.A. 1972 HARVARD UNIVERSITY) 500p. 33/11-A, p. 5897 BLE73-10503

KINCAID, DAVID RONALD
AN ANALYSIS OF A CLASS OF NORMS OF ITERATIVE METHODS FOR SYSTEMS OF LINEAR EQUATIONS. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 214p. 32/10-B, p. 5920 BLE72-11365

KING, DONALD ROSS
AN INVERTED FILE STRUCTURE FOR AN INTERACTIVE DOCUMENT RETRIEVAL SYSTEM. (PH.D. 1971 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 255p. 32/09-A, p. 5254 BLE72-09634

KING, GERALD NEWTON
A CONCEPTUAL DESIGN OF A COMPUTER-BASED MANAGEMENT INFORMATION SYSTEM. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 187p. 33/07-B, p. 3179 BLE73-00471

KING, KENNETH JOHN
THE INFORMATION FLOW STRUCTURE WITHIN A DISTRIBUTED-INTELLIGENCE COMPUTER SYSTEM. (PH.D. 1975 NORTHWESTERN UNIVERSITY) 102p. 36/07-B, p. 3476 BLE75-29678

KING, KENNETH ROSS
BAYESIAN DECISION THEORY AND COMPUTER SIMULATION APPLIED TO MULTISTAGE, SEQUENTIAL PETROLEUM EXPLORATION. (PH.D. 1971 THE PENNSYLVANIA STATE UNIVERSITY) 224p. 33/01-B, p. 346 BLE72-19331

KING, RICHARD FREDERICK
PERIODIC AND REDUCIBLE NONLINEAR DIFFERENTIAL SYSTEMS. (PH.D. 1955 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 34p. 15/11, p. 2228 BLE00-13509

KING, SHELDON
A CONCEPTUAL MODEL FOR INTRODUCING PLANNING - PROGRAMMING - BUDGETING - SYSTEMS IN SCHOOL DISTRICTS; DEVELOPED FROM A CASE STUDY OF THE PROCESS OF INTRODUCTION IN FOUR WESTERN NEW YORK DISTRICTS. (PH.D. 1975 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 597p. 36/07-A, p. 4165 BLE76-01454

KING, WILLIAM ASBURY
TOWARD PRINCIPLES OF ORGANIZATION FOR INSTRUCTIONAL SYSTEM DESIGN. (ED.D. 1973 UNIVERSITY OF SOUTHERN CALIFORNIA) 83p. 34/07-A, p. 4085 BLE73-31652

KING, WILLIS KWONG-TSU
SOME APPLICATIONS OF PUSH-DOWN AND QUEUE TYPE LIST MEMORIES IN DIGITAL COMPUTER DESIGN. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 206p. 30/06-B, p. 2696 BLE69-21379

KINNEN, EDWIN
AN ANALYSIS OF NONLINEAR SAMPLED-DATA CONTROL SYSTEMS. (PH.D. 1958 PURDUE UNIVERSITY) 111p. 19/09, p. 2309 BLE58-07981

KINNEY, WILLIAM DOUGLAS
ON THE GEOMETRIZATION OF THE FORCED OSCILLATIONS OF NONLINEAR SYSTEMS HAVING MANY DEGREES OF FREEDOM. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, BERKELEY) 167p. 26/07, p. 3837 BLE65-13522

KINRA, RAVINDAR KUMAR
A COMPUTER-AIDED SYSTEM FOR THE ANALYSIS, DESIGN AND CHECKING OF CONCRETE STRUCTURES. (PH.D. 1968 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 216p. 29/02-B, p. 596 BLE68-12143

KIRK, DONALD EVAN
OPTIMIZATION OF SYSTEMS WITH PULSE-WIDTH-MODULATED CONTROL. (PH.D. 1965 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 70p. 26/05, p. 2647 BLE65-11810

KIRKPATRICK, ROBERT JAMES
THE KINETICS OF CRYSTAL GROWTH IN THE SYSTEM DIOPSIDE - CALCIUM-DIALUMINUM - SILICATE (CATS) AND THE APPLICATION OF CRYSTAL GROWTH THEORY TO SOME GEOLOGIC PROBLEMS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 96p. 33/10-B, p. 4865 BLE73-09868

KIRLIN, JOHN JOSEPH
A COMPUTER MODEL OF GROUP DECISION-MAKING. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 187p. 30/11-A, p. 5054 BLE70-08162

KIRSCHMAN, CHARLES FREDERICK
A COMPUTER-BASED EVALUATION OF AN AXIOMATIC ACCOUNTING THEORY. (PH.D. 1974 UNIVERSITY OF KANSAS) 237p. 35/09-A, p. 5611 BLE75-06213

KIRST, STEPHEN PAUL
HUMAN INFORMATION PROCESSING AND EEG CORRELATES: THE EFFECT OF PROCESSING STRATEGY AND DISTRACTION ON REACTION TIME AND THE CONTINGENT NEGATIVE VARIATION. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 102p. 36/06-B, p. 3112 BLE75-26965

KIRVAITIS, KESTUTIS
IDENTIFICATION OF NONLINEAR SYSTEMS BY STOCHASTIC APPROXIMATION. (PH.D. 1965 PURDUE UNIVERSITY) 114p. 27/01-B, p. 177 BLE66-05279

KIRWIN, GERALD JAMES
EXPONENTIAL FUNCTION SETS IN THE ANALYSIS OF NONLINEAR SYSTEMS. (PH.D. 1968 SYRACUSE UNIVERSITY) 96p. 29/11-B, p. 4174 BLE69-07751

KISHI, FRANCIS HIDEO
DIGITAL COMPUTER CONTROLLED ADAPTIVE PROCESSES WITH APPLICATION TO THE RE-ENTRY OF AEROSPACE VEHICLES. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 218p. 24/12, p. 5266 BLE64-04776

KISTLER, RICHARD WOODROW
DESIGN, IMPLEMENTATION, AND TESTING OF A SATELLITE COMPUTER SYSTEM. (PH.D. 1973 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 146p. 35/02-B, p. 803 BLE74-19007

KIZLIK, ROBERT JOHN
SYSTEMS MODELS FOR DESIGN AND DEVELOPMENT OF PERFORMANCE BASED CURRICULUM. (ED.D. 1973 UNIVERSITY OF VIRGINIA) 193p. 34/04-A, p. 1590 BLE73-24974

KLAFTER, RICHARD DAVID
TIME-OPTIMAL CONTROL OF LINEAR SYSTEMS WITH CONTROLLER OF PARTIALLY SPECIFIED STRUCTURE. (PH.D. 1969 CITY UNIVERSITY OF NEW YORK) 187p. 30/05-B, p. 2177 BLE69-19061

KLASEK, CHARLES BERNARD
INSTRUCTIONAL TELEVISION: THE ORGANIZATION AND ADMINISTRATION OF AN EFFECTIVE UTILIZATION PROGRAM FOR SINGLE OR MULTIPLE SYSTEM APPLICATION. (PH.D. 1971 THE UNIVERSITY OF NEBRASKA - LINCOLN) 207p. 32/05-A, p. 2532 BLE71-28627

KLASTORIN, THEODORE DAVID
A CLUSTERING APPROACH TO SYSTEMS DESIGN. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 199p. 34/05-A, p. 2097 BLE73-26030

KLAYTON, ALAN ROGER
FAULT ANALYSIS FOR COMPUTER MEMORY SYSTEMS AND COMBINATORIAL LOGIC NETWORKS. (PH.D. 1971 LEHIGH UNIVERSITY) 181p. 32/05-B, p. 2710 BLE71-27723

KLEE, HAROLD IRWIN
DESIGN OF A FREEWAY ENTRANCE RAMP CONTROL SYSTEM. (PH.D. 1972 POLYTECHNIC INSTITUTE OF NEW YORK) 112p. 33/05-B, p. 2032 BLE72-28252

KLEIN, GERNOT HAROLD
OPTIMIZATION OF LINEAR, NONLINEAR AND ACTIVE MULTI-DEGREE-OF-FREEDOM SHOCK ISOLATION SYSTEMS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 271p. 32/02-B, p. 986 BLE71-21328

KLEINBERG, JOEL
THE EXTRACTION OF IDENTITY AND POSITION INFORMATION FROM ICONIC STORAGE. (PH.D. 1973 THE UNIVERSITY OF CONNECTICUT) 77p. 33/10-B, p. 5034 BLE73-09817

KLEINDORFER, GEORGE B.
AN ADAPTIVE CONTROL MODEL FOR INFORMATION SYSTEM DESIGN. (PH.D. 1968 CARNEGIE-MELLON UNIVERSITY) 167p. 30/04-A, p. 1277 BLE69-13771

KLEINDORFER, PAUL ROBERT
SCHEDULING IN MULTIPROGRAMMED COMPUTER SYSTEMS. (PH.D. 1970 CARNEGIE-MELLON UNIVERSITY) 193p. 31/07-B, p. 4178 BLE71-00817

KLEINMAN, STEPHEN A.
A REAL-TIME ADVISORY SIGN CONTROL SYSTEM FOR URBAN HIGHWAYS. (PH.D. 1971 CITY UNIVERSITY OF NEW YORK) 189p. 32/06-B, p. 3315 BLE72-00996

KLEMENT, JEROME JOSEPH
THE EFFECTS OF THREE REINFORCEMENT SCHEDULES AND TWO MEDIA IN PRESENTING COMPUTER ASSISTED INSTRUCTION TO UNDER-EDUCATED ADULTS. (ED.D. 1971 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 132p. 32/04-A, p. 1830 BLE71-24337

KLEPPE, JOHN ARTHUR
ANALYSIS AND SYNTHESIS OF LINEAR SYSTEMS WITH TIME VARYING DELAY. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, DAVIS) 110p. 31/06-B, p. 3400 BLE70-26492

KLEVORICK, ALVIN KEITH
CAPITAL BUDGETING UNDER RISK: A MATHEMATICAL PROGRAMMING APPROACH. (PH.D. 1967 PRINCETON UNIVERSITY) 371p. 28/12-A, p. 4809 BLE68-08936

KLIGER, ISAAC E.
SYNTHESIS OF OPTIMAL CONTROL SYSTEMS WITH CONTROL INPUTS CONSTRAINTS. (PH.D. 1964 POLYTECHNIC INSTITUTE OF NEW YORK) 92p. 25/05, p. 2907 BLE64-10730

KLINE, CERNYW KENNETH
THE DESIGN AND PRELIMINARY TESTING OF A MECHANIZATION TRAINING PROGRAM FOR TRAINEES WITH LOW LEVELS OF EDUCATION. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 383p. 32/03-A, p. 1409 BLE71-23205

KLINE, LAURENCE EARL
COMPUTER SIMULATION OF ELECTRICAL BREAKDOWN IN GASES. (PH.D. 1971 CARNEGIE-MELLON UNIVERSITY) 174p. 32/02-B, p. 941 BLE71-20637

KLINE, RAYMOND MILTON
ANALYSIS AND DESIGN OF DIGITAL CONTROL SYSTEMS. (PH.D. 1962 PURDUE UNIVERSITY) 128p. 23/10, p. 3838 BLE63-02106

KLING, GERALD FAIRCHILD
A COMPUTER MODEL OF DIFFUSE SOURCES OF SEDIMENT AND PHOSPHORUS MOVING INTO A LAKE. (PH.D. 1974 CORNELL UNIVERSITY) 105p. 35/07-B, p. 3137 BLE74-27548

KLING, ROBERT ELLIOT
REASONING BY ANALOGY WITH APPLICATIONS TO HEURISTIC PROBLEM-SOLVING: A CASE STUDY. (PH.D. 1971 STANFORD UNIVERSITY) 199p. 32/10-B, p. 5735 BLE72-11589

KLINGER, LLOYD EDWIN
AN ANALYSIS AND SIMULATION OF TRANSIENT BEHAVIOR OF POLY-PHASE INDUCTION MOTORS UTILIZING MODERN COMPUTER TECHNIQUES. (PH.D. 1967 THE PENNSYLVANIA STATE UNIVERSITY) 60p. 28/06-B, p. 2427 BLE67-15398

KLINGMAN, DARWIN DEE
ON SOME UNIMODULAR AND BOOLEAN MATHEMATICAL PROGRAMMING PROBLEMS. (PH.D. 1969 THE UNIVERSITY OF TEXAS AT AUSTIN) 103p. 30/07-B, p. 3282 BLE69-21840

KLIORE, ARVYDAS JOSEPH
EVALUATION OF THE WEIGHTING FUNCTION OF A LINEAR SYSTEM BY THE METHOD OF DECONVOLUTION. (PH.D. 1962 MICHIGAN STATE UNIVERSITY) 86p. 23/03, p. 975 BLE62-03179

KLOCK, HAROLD F.
A STUDY OF THE STABILITY BOUNDARIES FOR TWO THIRD ORDER NONLINEAR CONTROL SYSTEMS. (PH.D. 1956 NORTHWESTERN UNIVERSITY) 155p. 16/12, p. 2419 BLE00-19569

KLOUBEC, RICHARD EUGENE
DIRECT DIGITAL CONTROL OF SYSTEMS SUBJECT TO STOCHASTIC DISTURBANCES AND CONTROL EFFORT CONSTRAINTS. (PH.D. 1971 PURDUE UNIVERSITY) 322p. 32/06-B, p. 3327 BLE72-01907

KLUNK, DAVID GRIFFITH
THE DIRECT SOLUTION OF CRYSTAL STRUCTURES BY A BOOLEAN PROGRAMMING OPTIMIZATION METHODOLOGY. (PH.D. 1974 TEXAS A&M UNIVERSITY) 48p. 35/04-B, p. 1615 BLE74-21200

KNEPP, DENNIS LEE
NUMERICAL ANALYSIS OF ELECTROMAGNETIC RADIATION PROPERTIES OF SMOOTH CONDUCTING BODIES OF ARBITARY SHAPE IN THE PRESENCE OF KNOWN EXTERNAL SOURCES. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 185p. 32/08-B, p. 4594 BLE72-06182

KNICK, EARL BERNARD, JR.
SEQUENTIALLY SELECTED CLASS DESCRIPTORS FOR PATTERN RECOGNITION. (PH.D. 1971 DUKE UNIVERSITY) 100p. 32/10-B, p. 5796 BLE72-11103

KNICKREHM, MARIE EMMA
DIGITAL COMPUTER SIMULATIONS OF A CAFETERIA SERVICE LINE. (PH.D. 1962 THE UNIVERSITY OF WISCONSIN - MADISON) 150p. 23/04, p. 1346 BLE62-04698

KNIGHT, DOUGLAS WAYNE
A BASIC ENGLISH MINICOMPUTER LANGUAGE FOR ENGINEERING, SOFTWARE, AND SCIENTIFIC ALGORITHMS. (PH.D. 1975 ARIZONA STATE UNIVERSITY) 255p. 36/03-B, p. 1314 BLE75-19143

KNIGHT, JOHN EDWARD, JR.
COMPLEX SYSTEMS ANALYSIS OF WATER QUALITY DYNAMICS: THE FEEDBACK SYSTEMS STRUCTURE. (PH.D. 1971 GEORGIA INSTITUTE OF TECHNOLOGY) 158p. 32/08-B, p. 4613 BLE72-05064

KNIGHT, ROBERT EDWARD
COMPUTER SIMULATION OF MOTORCYCLE ACCIDENTS. (PH.D. 1976 UNIVERSITY OF DENVER) 148p. 37/05-B, p. 2368 BLE76-24416

KNIGHTS, RICHARD LEE
COMPUTER CONTROLLED FAST CYCLIC SCAN MASS-SPECTROMETRIC THERMAL ANALYSIS: I.) PLATINUM SURFACE OXIDES. II.) INORGANIC AIR POLLUTANTS. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 276p. 34/05-B, p. 1915 BLE73-27668

KNOBBE, EDWARD JOSEPH
OPTIMAL LINEAR DISCRETE AND CONTINUOUS TIME ESTIMATION WITH UNCERTAIN SYSTEM MODEL PARAMETERS. (PH.D. 1975 UNIVERSITY OF SOUTHERN CALIFORNIA) 112p. 36/01-B, p. 377 BLE75-15644

KNODEL, MELVIN LEONARD
THE EFFECT OF CURRICULUM SEQUENCES UPON STUDENT ACHIEVEMENT IN SELECTED COMPUTER LANGUAGES. (PH.D. 1970 THE UNIVERSITY OF NORTH DAKOTA) 183p. 32/12-A, p. 6743 BLE72-16366

KNOKE, PETER JOHN
A LINGUISTIC APPROACH TO MECHANICAL PATTERN RECOGNITION. (PH.D. 1968 SYRACUSE UNIVERSITY) 144p. 29/04-B, p. 1361 BLE68-13840

KNOLLMAN, DIETER JOHN HENRY
SIMULATION SEQUENCES FOR DISCRETE-TIME SYSTEMS WITH INTERACTIVE PROCESSES . (PH.D. 1971 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 151p. 32/05-B, p. 2711 BLE71-29679

KNOOP, DONALD ELMER
AN ADAPTIVE MODEL OF THE HUMAN OPERATOR IN A CONTROL SYSTEM. (PH.D. 1965 PURDUE UNIVERSITY) 142p. 26/03, p. 1553 BLE65-08628

KNOTT, GARY DON
DELETION IN BINARY STORAGE TREES. (PH.D. 1975 STANFORD UNIVERSITY) 94p. 36/05-B, p. 2352 BLE75-26557

KNUDSEN, HAROLD KNUD
MINIMAL TIME CONTROL OF SYSTEMS WITH COMPLEX ROOTS. (PH.D. 1962 UNIVERSITY OF CALIFORNIA, BERKELEY) 125p. 24/03, p. 1117 BLE63-05424

KNUDSEN, MICHAEL JEREMY
PMSL, AN INTERACTIVE LANGUAGE FOR SYSTEM-LEVEL DESCRIPTION AND ANALYSIS OF COMPUTER STRUCTURES. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 262p. 34/03-B, p. 1066 BLE73-21081

KNUTSON, JACK MARTELL
SPELLING DRILLS USING A COMPUTER-ASSISTED INSTRUCTIONAL SYSTEM. (PH.D. 1967 STANFORD UNIVERSITY) 80p. 28/11-A, p. 4483 BLE68-06445

KO, FONG-YUH
FIELD ION MICROSCOPY OF TRANSITION METAL CARBIDES AND COMPUTER SIMULATION. (PH.D. 1974 BROWN UNIVERSITY) 187p. 35/11-B, p. 5566 BLE75-09193

KO, HSIEN MIIN
SOME GRAPH-THEORETICAL TECHNIQUES IN ARTIFICIAL INTELLIGENCE. (PH.D. 1969 CASE WESTERN RESERVE UNIVERSITY) 75p. 30/09-B, p. 4096 BLE70-04946

KOCH, GARY GROVE
THE DESIGN OF COMBINATORIAL INFORMATION RETRIEVAL SYSTEMS FOR FILES WITH MULTIPLE-VALUED ATTRIBUTES. (PH.D. 1968 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 119p. 29/07-B, p. 2671 BLE69-01631

KOCH, HARVEY SAMUEL
INDEPENDENT DATA DEFINITION FOR FORTRAN AND COBOL. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 142p. 35/04-B, p. 1615 BLE74-20837

KOCH, ROLAND WILLIAM
A THEORY OF LINEAR VECTOR SPACE REPRESENTATION OF COMPLEX LINEAR SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF IOWA) 130p. 31/03-B, p. 1277 **BLE70-15612**

KOCHEY, KENNETH CHARLES
THE DEVELOPMENT OF PREDICTIVE GRADE POINT AVERAGE MODELS FOR COMMUNITY COLLEGE DENTAL HYGIENE AND NURSING PROGRAMS AND THE APPLICATION OF THESE MODELS IN A COMPUTERIZED ADMISSIONS SYSTEM. (ED.D. 1972 THE UNIVERSITY OF FLORIDA) 91p. 34/01-A, p. 92 **BLE73-15511**

KOCKLER, LOIS HAASE
USING COMPUTER-ASSISTED INSTRUCTION IN OVERCOMING ATTITUDE BARRIERS. (PH.D. 1972 IOWA STATE UNIVERSITY) 155p. 33/10-A, p. 5519 **BLE73-09453**

KODAMA, SHINZO
STABILITY OF NONLINEAR DISCRETE CONTROL SYSTEMS. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, BERKELEY) 114p. 24/09, p. 3663 **BLE64-02082**

KODET, AMBROSE STANLEY
THE EVOLUTION OF MECHANICALLY ENGINEERED DEVELOPMENTS FOR PROCESSING FINANCIAL ACCOUNTING DATA 1840-1968. (VOLUMES I AND II). (PH.D. 1969 THE UNIVERSITY OF NORTH DAKOTA) 582p. 31/01-A, p. 184 **BLE70-11404**

KOENIGSBERG, WILLIAM DAVID
OUTPUT FEEDBACK CONTROL WITH APPLICATION TO UNSTABLE LINEAR SYSTEMS. (DR.ENG. 1969 RENSSELAER POLYTECHNIC INSTITUTE) 123p. 30/12-B, p. 5498 **BLE70-11323**

KOESTER, ROBERT JOHN
THE IMPACT OF COMPUTERS ON DECISION-MAKING: A BEHAVIORAL STUDY. (PH.D. 1974 THE UNIVERSITY OF NEBRASKA - LINCOLN) 169p. 35/08-A, p. 4755 **BLE75-03435**

KOHR, ROBERT HARVEY
A METHOD OF IDENTIFYING NONLINEAR ELEMENTS IN SIMPLE SYSTEMS. (PH.D. 1962 PURDUE UNIVERSITY) 148p. 28/11-B, p. 4594 **BLE68-06244**

KOIVO, HEIKKI NIILO
FREDHOLM RESOLVENT IN THE OPTIMIZATION OF LINEAR SYSTEMS WITH STATE AND CONTROL RETARDATIONS. (PH.D. 1971 UNIVERSITY OF MINNESOTA) 143p. 32/11-B, p. 6401 **BLE72-14328**

KOIVUNIEMI, ANTTI JAAKKO
STUDY OF LINEAR, TIME-VARYING SAMPLED-DATA CONTROL SYSTEMS. (PH.D. 1963 CORNELL UNIVERSITY) 126p. 24/03, p. 1117 **BLE63-04799**

KOJIMA, KEN-ICHI
AN ANALYSIS OF GENETIC SYSTEMS IN WHICH THE PHENOTYPE DEPENDS UPON DEVIATIONS FROM AN OPTIMUM. (PH.D. 1958 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 84p. 19/11, p. 2722 **BLE59-00341**

KOLB, EDWIN RICHARD
HIGH DENSITY OPTICAL INFORMATION STORAGE AND HIGH SPEED RETRIEVAL. (PH.D. 1963 CASE WESTERN RESERVE UNIVERSITY) 108p. 24/11, p. 4611 **BLE64-00011**

KOLB, ROBERT CLIFFORD
OPTIMAL CONTROL OF LINEAR DISTRIBUTED-PARAMETER SYSTEMS. (PH.D. 1966 MONTANA STATE UNIVERSITY) 290p. 27/06-B, p. 1924 **BLE66-10646**

KOLK, WALTER RICHARD
A STUDY OF PULSE WIDTH MODULATION IN FEEDBACK CONTROL SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF CONNECTICUT) 177p. 33/06-B, p. 2609 **BLE72-32149**

KOLVE, HAROLD ARNE
STABILITY OF ULTIMATE MOTION IN AN ATTITUDE CONTROL SYSTEM HAVING UNSYMMETRICAL TORQUERS. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 214p. 34/07-B, p. 3245 **BLE74-00614**

KONAR, AHMET FERIT
SYNTHESIS OF OPTIMAL HYBRID CONTROL SYSTEMS. (PH.D. 1969 UNIVERSITY OF MINNESOTA) 288p. 30/04-B, p. 1686 **BLE69-16463**

KONDYLIS, NIKOLAOS GEORGE
A STOCHASTIC DYNAMIC PROGRAMMING APPROACH TO INVESTMENT DECISIONS FOR PRODUCTIVE CAPACITY IN CONTINUOUS OPERATION SYSTEMS. (PH.D. 1974 SYRACUSE UNIVERSITY) 180p. 35/11-A, p. 6880 **BLE75-10660**

KONSTANS, CONSTANTINE
THE EFFECTS OF DATA PROCESSING SERVICE BUREAUS ON THE PRACTICE OF PUBLIC ACCOUNTING. (PH.D. 1966 MICHIGAN STATE UNIVERSITY) 338p. 27/09-A, p. 2890 **BLE67-01849**

KOOPMAN, DIRK CORNELIS ADRIAAN
PLASTIC ANALYSIS AND MATHEMATICAL PROGRAMMING. (PH.D. 1967 CORNELL UNIVERSITY) 68p. 28/07-B, p. 2882 **BLE68-00681**

KOOYOOMJIAN, KACHIG JACK
THE DEVELOPMENT AND IMPLEMENTATION OF A QUESTIONNAIRE SURVEY DATA-BASE FOR CHARACTERIZING MAN-ENVIRONMENT RELATIONSHIPS IN TROPHICALLY POLARIZED FRESHWATER RECREATIONAL ENVIRONMENTS. (PH.D. 1974 RENSSELAER POLYTECHNIC INSTITUTE) 941p. 35/09-B, p. 4493 **BLE75-05388**

KOPF, JOHN OSCAR
JANUS: A REALTIME TIMESHARING COMPUTER SYSTEM FOR USE IN NUCLEAR PHYSICS EXPERIMENTS. (PH.D. 1968 MICHIGAN STATE UNIVERSITY) 167p. 30/01-B, p. 335 **BLE69-11116**

KOPLYAY, TOM MICHEL
HIERARCHICAL ORGANIZATION AND ADAPTIVE DYNAMICS IN RELATIONAL SYSTEMS. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 140p. 35/06-B, p. 2790 **BLE74-27436**

KOPP, RICHARD E.
ON 'BANG-BANG' ADAPTIVE CONTROL SYSTEMS. (D.E.E. 1961 POLYTECHNIC INSTITUTE OF NEW YORK) 125p. 22/01, p. 210 **BLE60-04308**

KORDA, PETER ENDRE
CRITICAL EVALUATION OF THE THEORY OF SHALLOW SHELLS AND APPLICATION OF DIGITAL COMPUTERS TO MIXED BOUNDARY VALUE PROBLEMS OF SHELLS. (PH.D. 1964 THE OHIO STATE UNIVERSITY) 152p. 25/02, p. 1125 **BLE64-08574**

KORMANIK, JOHN MICHAEL
USE OF LIE SERIES AND TRAINING ALGORITHMS FOR ESTIMATING NONLINEAR SYSTEM STABILITY-BOUNDARY. (PH.D. 1973 UNIVERSITY OF PITTSBURGH) 221p. 34/05-B, p. 1986 **BLE73-24103**

KORN, WILLARD MARSHALL
AN ACHIEVEMENT TEST FOR THE COURSE: INTRODUCTION TO BUSINESS DATA PROCESSING. (ED.D. 1968 UNIVERSITY OF NORTHERN COLORADO) 176p. 29/04-A, p. 1045 **BLE68-14730**

KORSAK, ANDREW JOHN
PERTURBED OPTIMAL CONTROL PROBLEMS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 77p. 27/10-B, p. 3601 **BLE67-05098**

KORT, EDWARD NEIL
INFORMATION PROCESSING: THE ROLE OF METHIONINE IN BACTERIAL CHEMOTAXIS. (PH.D. 1975 THE UNIVERSITY OF WISCONSIN - MADISON) 142p. 36/08-B, p. 3765 **BLE75-23850**

KORTANEK, KENNETH OTTO
DUALITY, SEMI-INFINITE PROGRAMMING, AND SOME ASPECTS OF CONTROL IN BUSINESS AND ECONOMIC SYSTEMS. (PH.D. 1964 NORTHWESTERN UNIVERSITY) 176p. 25/05, p. 3000 **BLE64-11261**

KOSA, GEZA ATTILA
COMPUTER-ASSISTED BOOK SELECTION USING MACHINE READABLE CATALOGING (MARC II) TAPES. (PH.D. 1972 INDIANA UNIVERSITY) 213p. 33/01-A, p. 339 **BLE72-19495**

KOSKI, JORMAN ALBERT
COMPUTER SIMULATION OF THE LAMINAR UPFLOW OF AIR IN HEATED VERTICAL TUBES. (PH.D. 1970 TEXAS TECH UNIVERSITY) 152p. 31/10-B, p. 6010 **BLE71-09650**

KOSKINEN, JAMES RICHARD
PART I: LABORATORY AUTOMATION USING HIGH LEVEL COMPUTER LANGUAGES. PART II: DEVELOPMENT OF AN INFRARED INTERFEROMETRIC SYSTEM FOR USE IN INFRARED-EMISSION STUDIES. (PH.D. 1973 UNIVERSITY OF OREGON) 94p. 34/09-B, p. 4291 **BLE74-06852**

KOSOROK, JOHN ROGER
A COMPUTER CONTROL ALGORITHM FOR A NUCLEAR REACTOR SUPPORT SYSTEM. (PH.D. 1968 OREGON STATE UNIVERSITY) 192p. 29/04-B, p. 1361 **BLE68-14874**

KOSTER, ROBERT ALFRED
LOW LEVEL SELF-MEASUREMENT IN COMPUTERS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 178p. 31/02-B, p. 629 **BLE70-14296**

KOSTKA, STEFAN MATTHEW
THE HINDEMITH STRING QUARTETS: A COMPUTER-ASSISTED STUDY OF SELECTED ASPECTS OF STYLE. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 349p. 31/02-A, p. 786 **BLE70-03590**

KOSUT, ROBERT LEONARD
SUBOPTIMAL CONTROL OF LINEAR TIME-INVARIANT MULTIVARIABLE SYSTEMS SUBJECT TO CONTROL STRUCTURE CONSTRAINTS. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 93p. 30/06-B, p. 2697 **BLE69-21381**

KOTHARI, PRATAP S.
DESIGN, CONSTRUCTION AND OPEATION OF AN ISOPERIBOL SOLUTION CALORIMETER: URANYL - URANIUM (IV) SYSTEM. (PH.D. 1971 WAYNE STATE UNIVERSITY) 125p. 32/11-B, p. 6329 **BLE72-14586**

KOTOB, SAMIR MOHAMAD SALEH
DISCRETE ON-LINE SYSTEM IDENTIFICATION AND ITS APPLICATION TO DIGITAL FLIGHT CONTROL. (PH.D. 1975 RENSSELAER POLYTECHNIC INSTITUTE) 226p. 36/12-B, p. 6310 **BLE76-13738**

KOU, SHAUYING R.
OBSERVABILITY AND OBSERVERS FOR NONLINEAR DYNAMIC SYSTEMS. (SC.D. 1973 WASHINGTON UNIVERSITY) 88p. 34/04-B, p. 1562 **BLE73-24920**

KOVACS, SANDOR
DESIGN AND APPLICATION OF A MULTIPURPOSE MANAGEMENT INFORMATION SYSTEM FOR DRINKING WATER QUALITY ASSESSMENT IN DISTRIBUTION SYSTEMS. (PH.D. 1974 DREXEL UNIVERSITY) 314p. 35/04-B, p. 1725 **BLE74-20716**

KOVATCH, GEORGE
A STUDY OF SELF-SUSTAINED OSCILLATIONS IN SYSTEMS WITH PIECE-WISE LINEAR ELEMENTS. (PH.D. 1962 CORNELL UNIVERSITY) 110p. 23/09, p. 3290 **BLE63-02834**

KOVIJANIC, PREDRAG GAVRILO
AUTOMATED TESTING AND RELIABILITY AND AVAILABILITY OF DIGITAL SYSTEMS. (PH.D. 1975 CASE WESTERN RESERVE UNIVERSITY) 132p. 36/05-B, p. 2352 **BLE75-19224**

KOWALTOWSKI, TOMASZ
CORRECTNESS OF PROGRAMS MANIPULATING DATA STRUCTURES. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, BERKELEY) 123p. 35/07-B, p. 3279 **BLE75-01569**

KOYMEN, KEMAL
TOS: A TEXT ORGANIZING SYSTEM. (PH.D. 1974 UNIVERSITY OF PENNSYLVANIA) 472p. 36/01-B, p. 327 **BLE75-02749**

KOZAR, KENNETH ANTHONY
DECISION-MAKING IN A SIMULATED ENVIRONMENT: A COMPARATIVE ANALYSIS OF COMPUTER DATA DISPLAY MEDIA. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 242p. 33/07-B, p. 3180 **BLE73-01033**

KOZDROWICKI, EDWARD WALTER
AN ADAPTIVE TREE PRUNING SYSTEM: A LANGUAGE FOR PROGRAMMING HEURISTIC TREE SEARCHES. (PH.D. 1967 UNIVERSITY OF WASHINGTON) 229p. 29/01-B, p. 183 **BLE68-09302**

KOZEMCHAK, EDWARD B.
COMPUTER ANALYSIS OF DIGITAL INTEGRATED-CIRCUITS BY MACROMODELLING. (PH.D. 1972 COLUMBIA UNIVERSITY) 222p. 34/04-B, p. 1518 **BLE73-16217**

KRAFT, DAVID CHRISTIAN
STRESS AND DEFORMATION ANALYSIS OF A TWO-LAYERED LINEAR VISCOELASTIC SYSTEM. (PH.D. 1964 THE OHIO STATE UNIVERSITY) 65p. 25/12, p. 7146 **BLE65-05652**

KRAMER, CHARLES ELMERS
A SYSTEMS DESIGN FOR MULTIPHASIC HEALTH SCREENING. (PH.D. 1971 VANDERBILT UNIVERSITY) 357p. 32/02-B, p. 899 **BLE71-20292**

KRAMER, JOHN FREDERICK, JR.
A GENERAL STRUCTURE FOR UNCOOPERATIVE-PROCESSES DISTRIBUTED OVER A SYSTEM NETWORK. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 216p. 34/05-B, p. 1975 **BLE73-20261**

KRAPRAYOON, PACHAREE
AN APPLICATION OF COMPUTER TECHNOLOGY AND GRAPHICS DISPLAY TECHNIQUES FOR RESOURCE ALLOCATION PLANNING FOR TWELVE EDUCATIONAL DISTRICTS IN THAILAND. (ED.D. 1974 HARVARD UNIVERSITY) 110p. 35/08-A, p. 4920 **BLE75-04903**

KRASNER, JEROME LEE
CYBERNETIC ASPECTS OF PHYSIOLOGICAL CONTROL SYSTEMS. (PH.D. 1969 BOSTON UNIVERSITY GRADUATE SCHOOL) 92p. 30/05-B, p. 2044 **BLE69-18734**

KRATKIEWICZ, NORBERT FELIX
THE RELATIONSHIP BETWEEN STUDENT VARIABLES AND ACHIEVEMENT IN A HIGH SCHOOL COMPUTER SCIENCE COURSE WHERE PROBLEM-SOLVING IS DONE ON A TERMINAL CONNECTED TO A REMOTE TIME-SHARED COMPUTER. (ED.D. 1973 WAYNE STATE UNIVERSITY) 171p. 34/11-A, p. 6946 **BLE74-11119**

KRAUSE, KENNETH LEROY
ANALYSIS OF COMPUTER SCHEDULING WITH MEMORY CONSTRAINTS. (PH.D. 1973 PURDUE UNIVERSITY) 137p. 35/01-B, p. 180 **BLE74-15186**

KRAVITZ, STANLEY H.
THE ANTI-CANCER AND ANTI-VIRAL ACTIVITY OF COMPLEX INORGANIC COMPOUNDS. I. ANTI-CANCER AND ANTI-VIRAL ACTIVITY. II. THE APPLICATION OF COMPUTERS TO THE DETERMINATION OF EMPIRICAL FORMULAE AND RETRIEVAL OF SELECTIVE ANTI-CANCER INFORMATION ABOUT COORDINATION COMPOUNDS. (PH.D. 1969 WAYNE STATE UNIVERSITY) 105p. 32/12-B, p. 6893 **BLE72-16217**

KREER, JOHN BELSHAW
TRANSIENT RESPONSE OF PSEUDO-LINEAR FEEDBACK CONTROL SYSTEMS. (PH.D. 1956 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 103p. 16/09, p. 1652 **BLE00-18162**

KREIDER, JAMES MICHAEL
THE EFFECT OF COMPUTER ASSISTED TEACHER-TRAINING SYSTEM FEEDBACK ON INCREASING TEACHER USE OF PUPIL IDEAS WITH EMR CHILDREN. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 198p. 31/02-A, p. 655 **BLE70-14567**

KREPS, THEODORA CHARLENE
COMPUTER ANALYSIS OF UTO-AZTECAN KINSHIP SYSTEMS. (PH.D. 1964 STANFORD UNIVERSITY) 289p. 25/07, p. 3788 **BLE64-13603**

KRIBS, HAROLD DEWEY
DIFFERENTIAL REINFORCEMENT AS A CONTINGENCY OF INFORMATION STORAGE AND RETRIEVAL IN ADAPTIVE INSTRUCTION. (PH.D. 1974 THE FLORIDA STATE UNIVERSITY) 37p. 35/12-A, p. 7724 **BLE75-12649**

KRIECHBAUM, GERHARD KARL LUDWIG
ON THE SUBOPTIMAL CONTROL OF NONLINEAR DYNAMICAL SYSTEMS. (PH.D. 1969 UNIVERSITY OF WASHINGTON) 179p. 30/05-B, p. 2203 **BLE69-18296**

KRIEGER, ROGER BRIAN
THE SIMULATION OF A TWO CYCLE, CRANKCASE SCAVENGED, SPARK IGNITION ENGINE ON A DIGITAL COMPUTER AND COMPARISON OF RESULTS WITH EXPERIMENTAL DATA. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 269p. 29/12-B, p. 4671 **BLE69-00947**

KRIKELIS, NICHOLAS J.
OPTIMAL CONTROL SYSTEMS UNDER CONFLICT OF INTEREST. (PH.D. 1970 NORTHWESTERN UNIVERSITY) 98p. 31/10-B, p. 5979 **BLE71-10143**

KROFT, DAVID
AN ASSOCIATIVE MEMORY COMPUTER WITH AN APPLICATION TO LIST PROCESSING. (PH.D. 1969 COLUMBIA UNIVERSITY) 139p. 32/06-B, p. 3358 **BLE72-01342**

KROMHOUT, ORA MORLIER
EFFECTIVENESS OF COMPUTER REVIEW LESSONS IN A GENERAL-EDUCATION PHYSICS COURSE. (PH.D. 1975 THE FLORIDA STATE UNIVERSITY) 120p. 36/08-A, p. 5179 **BLE76-02669**

KRONE, MARTIN JAY
HEURISTIC PROGRAMMING APPLIED TO SCHEDULING PROBLEMS. (PH.D. 1971 PRINCETON UNIVERSITY) 142p. 32/03-B, p. 1499 **BLE71-23367**

KROY, WALTER HENRY, JR.
IDENTIFICATION OF LINEAR STOCHASTIC DYNAMICAL SYSTEMS BY NONLINEAR WEIGHTING OF NOISY MEASUREMENTS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 111p. 27/11-B, p. 3938 **BLE67-06405**

KRUCKENBERG, HAROLD DEAN
COMPUTER SOLUTION OF A MATHEMATICAL MODEL FOR PREDICTING THE EFFECT OF POLLUTION INPUTS ON THE DISSOLVED OXYGEN DISTRIBUTION IN RIVERS. (PH.D. 1972 THE UNIVERSITY OF TULSA) 89p. 33/03-B, p. 1101 **BLE72-23466**

KRUGER, RICHARD PAUL
COMPUTER PROCESSING OF RADIOGRAPHIC IMAGES. (PH.D. 1971 UNIVERSITY OF MISSOURI - COLUMBIA) 191p. 32/06-B, p. 3318 **BLE71-30667**

KRUPP, BRIAN MARC
A NEW ANALYSIS OF THE DOUBLET-A-DELTA - DOUBLET-X-PHI SYSTEM OF CH AND THE CARBON-12/CARBON-13 RATIO IN ARCTURUS. (PH.D. 1973 UNIVERSITY OF MARYLAND) 88p. 35/02-B, p. 651 **BLE74-17050**

KU, ALICK CHENG-CHANG
COMPUTER SIMULATION OF HEAT TRANSFER AND MASS-TRANSFER DURING FREEZE-DRYING OF FOOD PRODUCTS. (PH.D. 1973 CORNELL UNIVERSITY) 275p. 35/08-B, p. 3885 **BLE74-17115**

KU, JOSEPH PO-WAH
ANALYSIS OF THE DYNAMICS OF GEOMETRICALLY CONSTRAINED RIGID BODY SYSTEMS USING DUAL INFLUENCE MATRICES. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, DAVIS) 148p. 33/03-B, p. 1130 **BLE72-24603**

KU, VICTOR CHIA-TAI
NEAR-MINIMAL FAULT ANALYSIS IN COMBINATIONAL LOGIC CIRCUITS. (PH.D. 1973 UNIVERSITY OF PITTSBURGH) 149p. 35/01-B, p. 236 **BLE74-15606**

KUCHA, DELOROS HELEN
THE DESIGN, DEVELOPMENT AND EVALUATION OF AN EMPIRICAL MODEL OF AN OUTPATIENT HEALTH INFORMATION AND MANAGEMENT SYSTEM. (PH.D. 1973 THE CATHOLIC UNIVERSITY OF AMERICA) 357p. 34/05-B, p. 2103 **BLE73-25148**

KUDVA, PRABHAKAR
STABLE ADAPTIVE SYSTEMS. (PH.D. 1975 YALE UNIVERSITY) 122p. 36/05-B, p. 2433 **BLE75-24564**

KUGATH, DONALD ARTHUR
DIRECT OPTIMIZATION TECHNIQUES APPLIED TO COMPUTER-AIDED LINKAGE DESIGN. (PH.D. 1967 PURDUE UNIVERSITY) 155p. 28/02-B, p. 701 **BLE67-10218**

KUHLER, RONALD JAMES
SIMULATION OF LINEAR AND NONLINEAR SYSTEMS WITH ORTHOGONAL FUNCTIONALS. (PH.D. 1970 TEXAS TECH UNIVERSITY) 90p. 31/10-B, p. 5979 **BLE71-09651**

KUHN, ROBERT MAURICE
REPRODUCING KERNEL HILBERT SPACES WITH APPLICATIONS TO CONTROL THEORY, UNIVARIATE AND BIVARIATE SPLINE DENSITY ESTIMATION. (PH.D. 1975 THE UNIVERSITY OF WISCONSIN - MADISON) 218p. 36/08-B, p. 4058 **BLE75-20780**

KUJAWA, FRANK BENEDICT
A GEOMETRIC ANALYSIS OF STABLE AND METASTABLE PHASE EQUILIBRIA IN UNARY AND BINARY SYSTEMS. (PH.D. 1968 THE JOHNS HOPKINS UNIVERSITY) 233p. 30/01-B, p. 257 **BLE69-08679**

KULICK, JEFFREY HOWARD
THEMIS–A DISTRIBUTED PROCESSOR GRAPHICS SYSTEM. (PH.D. 1972 UNIVERSITY OF PENNSYLVANIA) 342p. 33/12-B, p. 5767 **BLE73-13427**

KULIKOWSKI, CASIMIR ALEXANDER
A PATTERN RECOGNITION APPROACH TO COMPUTER-AIDED MEDICAL DIAGNOSIS. (PH.D. 1970 UNIVERSITY OF HAWAII) 179p. 31/11-B, p. 6579 **BLE71-12220**

KULKARNI, SUDHAKAR KAJARAM
COMPUTER-AIDED DESIGN OF A TWO-SPAN CANTILEVER HIGHWAY BRIDGE. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 142p. 34/12-B, p. 5985 **BLE74-13925**

KUMAR, KADABA SRINIVASA PRASANNA
ON THE IDENTIFICATION OF CONTROL SYSTEMS. (PH.D. 1964 PURDUE UNIVERSITY) 103p. 25/08, p. 4613 **BLE64-08701**

KUMAR, MADHURENDU BHUSHAN
COMPUTER-AIDED SUBSURFACE STRUCTURAL ANALYSIS OF THE MIOCENE FORMATIONS OF THE BAYOU CARLIN-LAKE SAND AREA, SOUTH LOUISIANA. (PH.D. 1972 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 231p. 33/12-B, p. 5916 **BLE73-13670**

KUMAR, NARENDRA V. S.
A BIOELECTRICAL MODEL FOR THE HUMAN VISUAL SYSTEM: QUANTITATIVE ANALYSIS USING REACTION TIME AND EVOKED POTENTIAL INFORMATION. (PH.D. 1975 SOUTHERN ILLINOIS UNIVERSITY) 121p. 36/12-B, p. 5936 **BLE76-13257**

KUMAR, RAVINDRA
EMISSION AND REFLECTION FROM HEALTHY AND STRESSED NATURAL TARGETS WITH COMPUTER ANALYSIS OF SPECTRORADIOMETRIC AND MULTISPECTRAL SCANNER DATA. (PH.D. 1973 PURDUE UNIVERSITY) 258p. 35/01-B, p. 262 **BLE74-15188**

KUNDERT, KENNETH R.
TOOLS OF ANALYSIS FOR PATTERN RECOGNITION. (PH.D. 1972 UNIVERSITY OF GEORGIA) 250p. 33/09-B, p. 4573 **BLE73-05725**

KUNG, CHUAN-FANG
ON A SINGULAR PERTURBATION PROBLEM IN OPTIMAL CONTROL THEORY. (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 42p. 35/01-B, p. 375 **BLE74-15927**

KUO, BENJAMIN CHUNG-I
NONLINEAR FEEDBACK CONTROL SYSTEMS WITH SAMPLED-DATA. (PH.D. 1958 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 210p. 18/05, p. 1754 **BLE58-01717**

KUO, JEN-KAI
ON NON-SIMILAR NORMAL MODE VIBRATIONS OF NONLINEAR SYSTEMS HAVING MANY DEGREES OF FREEDOM. (PH.D. 1964 UNIVERSITY OF CALIFORNIA, BERKELEY) 108p. 25/10, p. 5845 **BLE65-03022**

KURFEERST, MARVIN
AN EXPLORATION INTO THE MEANING OF THE EDUCATION LAWS OF PENNSYLVANIA UTILIZING COMPUTER TECHNOLOGY AND FACTOR ANALYSIS. (PH.D. 1964 UNIVERSITY OF PITTSBURGH) 89p. 26/03, p. 1512 **BLE65-05236**

KURSH, SAMUEL JOEL
IMPLEMENTING OPERATIONS RESEARCH: A GENERAL STRATEGY BASED ON CASE STUDIES. (D.B.A. 1974 THE GEORGE WASHINGTON UNIVERSITY) 156p. 35/01-A, p. 34 **BLE74-14981**

KURSHAN, BARBARA LYNN
THE DEVELOPMENT AND VALIDATION OF A HIERARCHICAL COMPUTER LITERACY CURRICULUM FOR SECONDARY SCHOOLS. (ED.D. 1976 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 207p. 37/04-A, p. 1962 **BLE76-23222**

KURTZ, PAUL H.
A STRENGTH-STRESS INTERFERENCE MODEL FOR TIME-VARYING PROBABILITY OF FAILURE AND ITS APPLICATION TO AN ELECTROMECHANICAL SYSTEM. (PH.D. 1975 THE PENNSYLVANIA STATE UNIVERSITY) 219p. 36/11-B, p. 5735 **BLE76-10748**

KURZENBERGER, JOHN LEWIS
THE USE OF CONSTRAINTS TO IMPROVE NUMERICAL INTEGRATION OF TRAJECTORIES ON DIGITAL COMPUTERS. (PH.D. 1965 THE UNIVERSITY OF MICHIGAN) 186p. 29/03-B, p. 978 **BLE68-13345**

KURZWEIL, FREDERICK, JR.
THE ANALYSIS AND SYNTHESIS OF NONLINEAR CONTINUOUS AND SAMPLED-DATA SYSTEMS INVOLVING SATURATION. (PH.D. 1960 STANFORD UNIVERSITY) 108p. 21/01, p. 152 **BLE60-02397**

KWAKERNAAK, HUIBERT
OPTIMAL CONTROL WITH RANDOM INPUTS. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, BERKELEY) 120p. 24/12, p. 5295 **BLE64-05248**

KWATNY, HARRY G.
IDENTIFICATION OF NONLINEAR SYSTEMS USING FUNCTIONAL POLYNOMIALS AND STOCHASTIC APPROXIMATION. (PH.D. 1967 UNIVERSITY OF PENNSYLVANIA) 181p. 28/04-B, p. 1511 **BLE67-12768**

KWOK, KAIN-SZE
COMPUTER-AIDED INTERPRETATION OF MASS-SPECTRA: A SELF-TRAINING INTERPRETIVE AND RETRIEVAL SYSTEM. (PH.D. 1973 CORNELL UNIVERSITY) 201p. 34/02-B, p. 569 **BLE73-18347**

KWON, TAI-JOON
A MODEL OF THE COADAPTIVE INTERACTION PROCESS OF SOCIAL SYSTEMS PLANNING: AN APPLICATION TO THREE CASES OF NEW TOWNS DEVELOPMENT. (PH.D. 1975 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 352p. 36/09-A, p. 6340 **BLE76-01457**

KYDES, ANDY STEVE
COMPUTATIONAL METHODS FOR SOLVING LARGE LINEAR SYSTEMS. (PH.D. 1974 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 153p. 36/02-B, p. 757 **BLE75-16197**

KYLE, JAMES CLIFFORD, JR.
AN RMS ERROR BOUND FOR DIGITAL SIMULATION. (PH.D. 1971 SYRACUSE UNIVERSITY) 67p. 32/08-B, p. 4533 **BLE72-06594**

KYLIN, DONALD HENRIK
A DESIGN METHODOLOGY FOR AUTOMATED INSPECTION VIA PATTERN RECOGNITION. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 192p. 33/04-B, p. 1507 **BLE72-26175**

L

LA BARRE, JOHN BOIE KEASBEY
A TRANSFORM TECHNIQUE FOR LINEAR TIME-VARYING, DISCRETE-TIME SYSTEMS. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 353p. 30/09-B, p. 4133 **BLE70-04125**

LACKEY, ROBERT BUSH
A CLASS OF ADAPTIVE CONTROL SYSTEMS WITH SINUSOIDAL PARAMETER PERTURBATION. (PH.D. 1961 THE OHIO STATE UNIVERSITY) 64p. 22/10, p. 3582 **BLE62-00788**

LACROIX, PIERRE GUY
THE ANALYSIS OF OPERATION OF EIGHT ACTIVATED SLUDGE PLANTS BY COMPUTER SIMULATION AND STATISTICAL METHODS. (PH.D. 1971 PURDUE UNIVERSITY) 248p. 32/06-B, p. 3405 **BLE72-01915**

LADIPO, OLASUPO OYETORO
GENERAL SYSTEM ANALYSIS AND SIMULATION APPROACH: A PRELIMINARY APPLICATION TO NIGERIAN FISHERIES. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 329p. 34/06-A, p. 2875 **BLE73-29736**

LA FATA, PAUL SYLVESTER
AN INTERACTIVE GRAPHICAL SYSTEM FOR GENERALIZED APPROXIMATION. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 121p. 32/10-B, p. 5735 **BLE72-09134**

LAFRANCE, JACQUES EMMETT
SYNTAX-DIRECTED ERROR RECOVERY FOR COMPILERS. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 172p. 32/08-B, p. 4533 **BLE72-06983**

LA FRIEDA, JAMES RAYMOND
TRANSIENT ANALYSIS OF NONLINEAR TRACKING SYSTEMS. (PH.D. 1970 UNIVERSITY OF SOUTHERN CALIFORNIA) 160p. 31/05-B, p. 2681 **BLE70-23165**

LAFUSE, HARRY GENE
A STUDY OF EQUIVALENCE IN LINEAR TIME-VARYING SYSTEMS. (PH.D. 1962 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 70p. 23/08, p. 2840 **BLE62-06181**

LAGO, GLADWYN VAILE
THE ANALYSIS AND DESIGN OF SAMPLED-DATA FEEDBACK SYSTEMS. (PH.D. 1954 PURDUE UNIVERSITY) 225p. 14/10, p. 1662 **BLE00-09361**

LAI, HUNG CHI
A STUDY OF CURRENT LOGIC DESIGN PROBLEMS: PART I, DESIGN OF DIAGNOSABLE MOS NETWORKS; PART II, MINIMUM NOR (NAND) NETWORKS FOR PARITY FUNCTIONS OF AN ARBITRARY NUMBER OF VARIABLES; PART III, MINIMUM PARALLEL BINARY ADDERS WITH NOR (NAND) GATES AND THEIR EXTENSIONS TO NETWORKS CONSISTING OF CARRY-SAVE ADDERS. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 382p. 37/01-B, p. 336 **BLE76-16153**

LAI, YING-SAN
A DIRECT-SEARCH METHOD FOR OPTIMIZATION OF STRUCTURAL SYSTEMS WITH DISCRETE VARIABLES. (PH.D. 1973 NORTHWESTERN UNIVERSITY) 115p. 34/06-B, p. 2672 **BLE73-30639**

LAKE, ORLEY LEON
ANALYSIS OF SPEECH SOUNDS THROUGH DIGITAL COMPUTER SIMULATION OF THE COCHLEA. (PH.D. 1970 OKLAHOMA STATE UNIVERSITY) 268p. 31/11-B, p. 6610 **BLE71-11200**

LAKIN, THOMAS GERALD
A SYSTEMS ANALYSIS OF STUDENT DEMANDS. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 200p. 34/11-A, p. 6906 **BLE74-11641**

LAM, CHAN F.
COMPUTER ANALYSIS AND OPTIMIZATION OF A CLASS OF NONLINEAR SYSTEMS. (PH.D. 1970 CLEMSON UNIVERSITY) 194p. 31/10-B, p. 5980 **BLE71-09616**

LAM, JAMES MUN-LUNG
OPTIMAL CONTROL OF BLENDING SYSTEM. (PH.D. 1970 POLYTECHNIC INSTITUTE OF NEW YORK) 97p. 31/07-B, p. 4099 **BLE70-26076**

LAM, SIMON SIN-SING
PACKET SWITCHING IN A MULTI-ACCESS BROADCAST CHANNEL WITH APPLICATION TO SATELLITE COMMUNICATION IN A COMPUTER NETWORK. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 306p. 35/02-B, p. 778 **BLE74-18779**

LAMARSH, BOYD NAYLAND
A COMPARISON OF THREE METHODS OF UTILIZING AUTOMATED DATA PROCESSING IN COLORADO SCHOOLS. (ED.D. 1968 UNIVERSITY OF NORTHERN COLORADO) 150p. 29/08-A, p. 2483 **BLE69-02888**

LAMB, CHARLES WILLIAM, JR.
AN ANALYSIS OF MARKETING SYSTEMS FOR CANADIAN FRESHWATER FISH IN TWO TIME PERIODS. (D.B.A. 1974 KENT STATE UNIVERSITY) 173p. 35/03-A, p. 1313 **BLE74-19271**

LAMB, NEIL FRANCIS
ANALYSIS OF THE IMPACT OF INTERACTIVE COMPUTER NETWORK CONCEPTS ON THE GOVERNMENT PROCUREMENT CONTRACT PROCESS. (PH.D. 1976 THE AMERICAN UNIVERSITY) 466p. 37/02-A, p. 1083 **BLE76-18221**

LAMBERT, ARCHIE GOLDEN
IICADS - INTEGRATED INTERACTIVE COMPUTER-AIDED DESIGN SYSTEM. (PH.D. 1972 UNIVERSITY OF MISSOURI - ROLLA) 86p. 34/01-B, p. 222 **BLE73-17087**

LAMBERT, HOWARD EDWARD
FAULT TREES FOR DECISION-MAKING IN SYSTEMS ANALYSIS. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 346p. 37/01-B, p. 421 **BLE76-15269**

LAMBERT, RANDALL THOMAS
AN ANALYSIS OF THE EDUCATIONAL AND ADMINISTRATIVE ALLOCATIONS IN MANDATED REGIONAL EDUCATIONAL SERVICE AGENCY SYSTEMS. (ED.D. 1971 THE UNIVERSITY OF NEBRASKA - LINCOLN) 125p. 32/11-A, p. 6046 **BLE72-15996**

LAMBIOTTE, JULES JOSEPH, JR.
THE SOLUTION OF LINEAR SYSTEMS OF EQUATIONS ON A VECTOR COMPUTER. (PH.D. 1975 UNIVERSITY OF VIRGINIA) 240p. 36/06-B, p. 2851 **BLE75-22800**

LAMIE, EDWARD LOUIS
MULTIPROCESSING USING PROGRAM STRUCTURES. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 110p. 36/01-B, p. 328 **BLE75-14776**

LAMONT, JOHN WILLIAM
THE APPLICATION OF COMPUTERS TO POWER SYSTEM FAULT TRANSIENTS. (PH.D. 1970 UNIVERSITY OF MISSOURI - COLUMBIA) 342p. 31/08-B, p. 4689 **BLE71-03353**

LAMPSON, BUTLER WRIGHT
SCHEDULING AND PROTECTION IN AN INTERACTIVE MULTI-PROCESSOR SYSTEM. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, BERKELEY) 83p. 28/04-B, p. 1511 **BLE67-11641**

LANDE, HENRY FRANK
BUSINESS PLANNING BY COMPUTER PRINTOUT. (PH.D. 1965 CASE WESTERN RESERVE UNIVERSITY) 421p. 26/11, p. 6420 **BLE66-03035**

LANDGRAFF, RONALD WILLIAM
FAULT DETECTION, LOCATION, AND RECOVERY ALGORITHMS IN THE DESIGN OF MAINTAINABLE DIGITAL SYSTEMS. (PH.D. 1970 NORTHWESTERN UNIVERSITY) 127p. 31/10-B, p. 5980 **BLE71-10146**

LANDIS, NORMAN JOSHUA
PROGRAM VERIFICATION AND THE MACRO DEFINITION OF DATA STRUCTURES. (PH.D. 1975 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 174p. 36/07-B, p. 3478 **BLE76-00796**

LANDO, CLIFTON ALLAN
PERIODIC SOLUTIONS OF NONLINEAR SYSTEMS WITH FORCING TERMS. (PH.D. 1969 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 61p. 30/07-B, p. 3284 **BLE70-00909**

LANDRUM, ROBERT KINKEAD
ROLE ANALYSIS OF OCCUPANTS OF A BOUNDARY POSITION IN AN OPEN SYSTEM. (D.B.A. 1973 UNIVERSITY OF KENTUCKY) 330p. 34/10-A, p. 6185 **BLE74-09313**

LANDRY, BERTRAND CLOVIS
A THEORY OF INDEXING: INDEXING THEORY AS A MODEL FOR INFORMATION STORAGE AND RETRIEVAL. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 283p. 32/11-B, p. 6344 **BLE72-15238**

LANDWEHR, CARL EDWARD
LOAD SHARING IN COMPUTER NETWORKS: A QUEUEING MODEL. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 209p. 35/11-B, p. 5379 **BLE75-10211**

LANE, DONALD WAYNE
EFFECTS OF SYSTEM CONSTRAINTS AND STATISTICAL PROPERTIES ON THE DESIGN OF OPTIMUM CONTROLLERS BY STATISTICAL DYNAMICS. (PH.D. 1969 THE UNIVERSITY OF TENNESSEE) 230p. 30/04-B, p. 1686 **BLE69-16521**

LANE, RUTH ALLEN
A COMPUTER SIMULATION OF VOTING IN THE U.S. HOUSE OF REPRESENTATIVES. (PH.D. 1968 GEORGETOWN UNIVERSITY) 189p. 29/02-A, p. 650 **BLE68-11120**

LANE, SAMUEL RANDOLPH
THE DESIGN OF COMMUNITY NOISE SURVEYING AND REPORTING SYSTEMS. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 291p. 34/08-B, p. 3836 **BLE74-01576**

LANE, WILLIAM STERLING, JR.
THE APPLICATION OF INFORMATION SCIENCE TECHNOLOGY TO A SELECT BODY OF MUSIC EDUCATION MATERIALS. (ED.D. 1974 UNIVERSITY OF GEORGIA) 308p. 35/08-A, p. 5447 **BLE75-02808**

LANG, ALLAN L.
THE DESIGN OF A POLYMORPHIC ARITHMETIC UNIT: A CASE STUDY OF A MULTI-LEVEL INTERPRETATIVE COMPUTING SYSTEM. (PH.D. 1975 UNIVERSITY OF SOUTHWESTERN LOUISIANA) 192p. 36/11-B, p. 5685 **BLE76-10636**

LANG, CHARLES RICHARD
COMPUTER GRAPHIC SIMULATIONS IN HIGH SCHOOL PHYSICS. (PH.D. 1975 KANSAS STATE UNIVERSITY) 135p. 37/02-A, p. 903 **BLE76-17116**

LANG, JOSEPH JOHN
DELAY EQUALIZER DESIGN - NUMERICAL ANALYSIS, DIGITAL COMPUTER TECHNIQUES. (PH.D. 1961 MICHIGAN STATE UNIVERSITY) 74p. 22/06, p. 1934 **BLE61-04963**

LANG, MARTIN TRAUGOTT
COMPUTER EXTENDED INSTRUCTION IN INTRODUCTORY CALCULUS. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 182p.
34/09-A, p. 5662 **BLE74-05271**

LANG, ROBERT PAUL
ON-LINE ADAPTIVE COMPENSATION OF MANUAL CONTROL SYSTEMS. (PH.D. 1968 ILLINOIS INSTITUTE OF TECHNOLOGY) 127p.
29/04-B, p. 1362 **BLE68-14914**

LANGE-NIELSEN, TRULS
PARAMETER OPTIMIZATION OF FEEDBACK CONTROL SYSTEMS USING PATTERN SEARCH. (PH.D. 1971 THE UNIVERSITY OF IOWA) 177p.
32/05-B, p. 2738 **BLE71-30458**

LANG-KORPEL, TOMAS
VECTOR COMPUTATIONS IN AN ARRAY COMPUTER. (PH.D. 1974 STANFORD UNIVERSITY) 189p.
35/09-B, p. 4417 **BLE75-06877**

LANSDOWNE, ZACHARY FENTON
THE THEORY AND APPLICATIONS OF GENERALIZED LINEAR CONTROL PROCESSES. (PH.D. 1970 STANFORD UNIVERSITY) 86p.
31/08-B, p. 4707 **BLE71-02787**

LANZKRON, ROLF WOLFGANG
D-DECOMPOSITION ANALYSIS OF AUTOMATIC CONTROL SYSTEMS. (PH.D. 1956 THE UNIVERSITY OF WISCONSIN - MADISON) 1[illegible]p.
16/11, p. 2122 **BLE00-19108**

LA PALM, JAMES ROBERT
EXISTENCE ANALYSIS FOR OPTIMAL CONTROL PROBLEMS WITH EXCEPTIONAL SETS. (PH.D. 1967 THE UNIVERSITY OF MICHIGAN) 148p.
28/12-B, p. 5116 **BLE68-07653**

LAPINS, MARIS
APPLICATION OF ACTIVE CONTROLS TECHNOLOGY TO AIRCRAFT RIDE SMOOTHING SYSTEMS. (PH.D. 1975 UNIVERSITY OF VIRGINIA) 206p.
36/04-B, p. 1816 **BLE75-22169**

LAREDO, PATRICK EDWARD
A METHODOLOGY FOR COMPARISON OF COMPUTER AIDED DIAGNOSTIC PROGRAMS. (PH.D. 1971 THE JOHNS HOPKINS UNIVERSITY) 226p.
32/12-B, p. 6972 **BLE72-16901**

LARROWE, VERNON LODGE
ANALOG COMPUTER MEASUREMENT OF TIME-VARYING POWER SPECTRA. (PH.D. 1964 THE UNIVERSITY OF MICHIGAN) 232p.
25/10, p. 5832 **BLE65-05337**

LARSEN, BRUCE OSBORN
AN ABSTRACT COMPUTER WITH A LANGUAGE RELATED TO COMBINATORY LOGIC. (PH.D. 1968 STEVENS INSTITUTE OF TECHNOLOGY) 157p.
29/05-B, p. 1759 **BLE68-16218**

LARSON, ALLAN D.
THE RELATIONSHIP OF STUDENT ACADEMIC SUCCESS IN SELECTED CALIFORNIA JUNIOR COLLEGE BUSINESS DATA PROCESSING PROGRAMS TO SPECIAL APTITUDES AND SECONDARY SCHOOL ACADEMIC ACHIEVEMENT. (PH.D. 1970 THE UNIVERSITY OF NORTH DAKOTA) 222p.
31/12-A, p. 6454 **BLE71-15666**

LARSON, ARVID GUNNAR
COST-EFFECTIVE PROCESSOR DESIGN WITH AN APPLICATION TO FAST FOURIER TRANSFORM COMPUTERS. (PH.D. 1973 STANFORD UNIVERSITY) 179p. 34/09-B, p. 4377 **BLE74-06602**

LARSON, NANCY MARIE
THREE-BODY PROBLEM: A FORMALISM AND COMPUTER CODE FOR ARBITRARY KINDS OF PARTICLES. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 190p. 33/11-B, p. 5450 **BLE73-12759**

LARSON, VINCENT HENNIX
OPTIMAL CONTROL OF A STOCHASTIC SYSTEM. (PH.D. 1965 UNIVERSITY OF MINNESOTA) 150p.
26/09, p. 5348 **BLE65-15273**

LARSON, WILLIAM LARS
REGIONALISM AS EXEMPLIFIED BY THE DATA PROCESSING SERVICE IN THE STATE OF CALIFORNIA: ITS HISTORY, CURRENT STATUS, AND IMPLICATIONS. (ED.D. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 188p.
33/04-A, p. 1366 **BLE72-26029**

LASALLE, JAMES FRANK
THE ROLE OF THE SECONDARY SCHOOL BUSINESS EDUCATION DEPARTMENT IN PREPARING STUDENTS FOR EMPLOYMENT IN BUSINESS OFFICES USING DATA PROCESSING EQUIPMENT. (ED.D. 1963 THE PENNSYLVANIA STATE UNIVERSITY) 182p.
24/11, p. 4472 **BLE64-05374**

LASATER, MARY ELIZABETH BAXTER
THE DEVELOPMENT AND EVALUATION OF A COMPUTER-ASSISTED INSTRUCTIONAL PROGRAM INVOLVING APPLICATIONS OF SELECTED CHEMICAL PRINCIPLES. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 578p. 32/10-A, p. 5535 **BLE72-11370**

LASLEY, ERIC LOREN
THE QUALITATIVE ANALYSIS OF COMPOSITE SYSTEMS. (PH.D. 1975 IOWA STATE UNIVERSITY) 123p. 36/05-B, p. 2394 **BLE75-25338**

LASTMAN, GARY JOSEPH
OPTIMIZATION OF NONLINEAR SYSTEMS WITH INEQUALITY CONSTRAINTS. (PH.D. 1967 THE UNIVERSITY OF TEXAS AT AUSTIN) 132p.
27/12-B, p. 4424 **BLE67-08123**

LATTA, JOHN NEAL
COMPUTER-BASED ANALYSIS OF HOLOGRAPHY. (PH.D. 1971 UNIVERSITY OF KANSAS) 150p.
32/04-B, p. 2164 **BLE71-27168**

LAUDATO, NICHOLAS CHARLES, JR.
THE DESIGN AND DEVELOPMENT OF A COMPUTER ASSISTED INSTRUCTIONAL PROGRAM IN WORD PROBLEM-SOLVING FOR THE ELEMENTARY SCHOOL. (PH.D. 1975 UNIVERSITY OF PITTSBURGH) 147p.
36/09-A, p. 5777 **BLE76-05456**

LAUER, HUGH CONRAD
CORRECTNESS IN OPERATING SYSTEMS. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 153p.
33/10-B, p. 4760 **BLE73-09136**

LAUER, ROSEMARIE ANN
DEVELOPMENT AND ASSESSMENT OF A COMPUTER-BASED RESOURCE UNIT FOR THE EDUCATION OF SCHOOL LIBRARY MEDIA PERSONNEL TITLED "SPECIAL SERVICES TO FACULTY AND STUDENTS." (ED.D. 1976 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 176p. 37/01-A, p. 115 **BLE76-16317**

LAUMER, JOHN FORD, JR.
AN EMPIRICAL TESTING OF A COMPUTER SIMULATION ALGORITHM FOR THE DETERMINATION OF SALES TERRITORIES. (PH.D. 1975 UNIVERSITY OF GEORGIA) 136p. 36/05-A, p. 2963 **BLE75-23796**

LAW, ALEXANDER INGLIS
THE CONNOTATIVE PERCEPTIONS OF DATA PROCESSING BY PUBLIC SCHOOL PERSONNEL. (ED.D. 1968 UNIVERSITY OF SOUTHERN CALIFORNIA) 76p.
28/10-A, p. 4003 **BLE68-05870**

LAW, PHILIP MOOK-WAH
COMPUTER ASSISTED ELECTRON SPIN RESONANCE SPECTRAL ANALYSIS OF TRAPPED RADICALS. (PH.D. 1976 LOMA LINDA UNIVERSITY) 74p.
37/05-B, p. 2289 **BLE76-24290**

LAWLER, ROBERT MICHAEL
AN INVESTIGATION OF SELECTED INSTRUCTIONAL STRATEGIES IN AN UNDERGRADUATE COMPUTER-MANAGED INSTRUCTION COURSE. (PH.D. 1971 THE FLORIDA STATE UNIVERSITY) 119p.
32/03-A, p. 1190 **BLE71-24610**

LAWRENCE, GENE ARTHUR
OPTIMAL CONTROL OF SYSTEMS WITH TIME DELAY. (PH.D. 1969 NORTHWESTERN UNIVERSITY) 70p.
30/07-B, p. 3181 **BLE70-00103**

LAWRENCE, HUGH DONALD
MATCHING CHARACTERISTICS OF STUDENTS AND LEARNING ENVIRONMENTS FOR PLACEMENT IN A NONGRADED TEAM TAUGHT ELEMENTARY SCHOOL USING A COMPUTER PROGRAM. (ED.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 271p.
36/05-A, p. 2761 **BLE75-22642**

LAWRENCE, PATRICK NICHOLAS
POT-ARRAY COMPUTERS. (PH.D. 1974 THE UNIVERSITY OF TEXAS AT AUSTIN) 253p.
36/05-B, p. 2395 **BLE75-24997**

LAWRENZ, DAVID ARTHUR
STABILITY AND OPTIMAL BOUNDARY CONTROL OF DISTRIBUTED HYPERBOLIC SYSTEMS. (PH.D. 1970 ILLINOIS INSTITUTE OF TECHNOLOGY) 127p.
31/03-B, p. 1277 **BLE70-16432**

LAWRIE, DUNCAN HAMISH
MEMORY-PROCESSOR CONNECTION NETWORKS. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 119p. 34/02-B, p. 626 **BLE73-17583**

LAX, GARTH CHARLES
STATE-SPACE ANALYSIS OF LINEAR INTEGRAL SYSTEMS. (PH.D. 1973 SYRACUSE UNIVERSITY) 229p. 34/10-B, p. 4968 **BLE74-08273**

LAX, PETER DAVID
NON-LINEAR SYSTEMS OF HYPERBOLIC PARTIAL DIFFERENTIAL EQUATIONS IN TWO INDEPENDENT VARIABLES. (PH.D. 1949 NEW YORK UNIVERSITY) 74p. S0146, **BLE73-22206**

LAY, WILLIAM MICHAEL
THE DOUBLE-KWIC (DKWIC) COORDINATE-INDEXING TECHNIQUE: THEORY, DESIGN, AND IMPLEMENTATION. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 265p. 34/02-B, p. 626 **BLE73-18922**

LAYTON, DAVID MCDONALD
EQUIVALENT REPRESENTATIONS FOR LINEAR SYSTEMS, WITH APPLICATION TO N-PORT NETWORK SYNTHESIS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 155p.
27/10-B, p. 3518 **BLE67-05102**

LAZARUS, PAUL SHANTRAJ
AUTOMATIC ERROR CORRECTION IN SYNTAX-DIRECTED COMPILERS. (PH.D. 1973 THE UNIVERSITY OF OKLAHOMA) 146p.
34/09-B, p. 4327 **BLE74-06967**

LEA, RICHARD BRIAN
THE DESIGN OF AN INFORMATION SYSTEM THAT SUPPORTS A PRODUCT MIX LINEAR PROGRAMMING MODEL. (PH.D. 1970 UNIVERSITY OF MINNESOTA) 338p. 32/01-A, p. 2 **BLE71-18769**

LEACH, GEORGE
A PROPOSED DATA MANAGEMENT SYSTEM DESIGN FOR HIGHER EDUCATION. (ED.D. 1973 UNIVERSITY OF COLORADO AT BOULDER) 140p.
34/04-A, p. 1648 **BLE73-23274**

LEATHRUM, JAMES FREDERICK
STABILITY AND CONTROL OF NONLINEAR PROCESSES. (PH.D. 1963 PRINCETON UNIVERSITY) 86p. 24/03, p. 1108 **BLE63-05619**

LEAVENE, ROBERT WARREN, JR.
ASYNCHRONOUS COMPUTER SIMULATION OF DIGITAL NETWORKS. (PH.D. 1972 UNIVERSITY OF MISSOURI - COLUMBIA) 162p.
34/03-B, p. 1106 **BLE73-21460**

LEAVITT, MICHAEL ROHRLICH
A COMPUTER SIMULATION OF INTERNATIONAL ALLIANCE BEHAVIOR. (PH.D. 1971 NORTHWESTERN UNIVERSITY) 274p. 34/05-A, p. 2739 **BLE71-30872**

LE BAIL, ROLAND CLAUDE JOSEPH
PLASMA COMPUTER SIMULATION IN CYLINDRICAL GEOMETRY WITH AZIMUTHAL SYMMETRY. (PH.D. 1970 STANFORD UNIVERSITY) 136p.
31/08-B, p. 4931 **BLE71-02791**

LEBEUX, PIERRE JOSEPH
FRAME SELECTION SYSTEMS AND LANGUAGES FOR MEDICAL APPLICATIONS. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, SAN FRANCISCO) 220p.
35/05-B, p. 2139 **BLE74-24404**

LEBLANC, LARRY JOSEPH
MATHEMATICAL PROGRAMMING ALGORITHMS FOR LARGE SCALE NETWORK EQUILIBRIUM AND NETWORK DESIGN PROBLEMS. (PH.D. 1973 NORTHWESTERN UNIVERSITY) 149p.
34/10-B, p. 5105 **BLE74-07771**

LEBO, JERRY ALLEN
ON THE SELECTION OF DECISION CRITERIA AND THE ESTIMATION OF PROBABILITIES IN PATTERN RECOGNITION. (PH.D. 1965 PURDUE UNIVERSITY) 111p. 26/03, p. 1554 **BLE65-08629**

LEBBOCK, KENNETH LEE
APPROXIMATE SWITCHING SURFACES FOR THE OPTIMAL CONTROL OF NONLINEAR SYSTEMS. (PH.D. 1969 CORNELL UNIVERSITY) 84p.
31/01-B, p. 199 **BLE70-05603**

LECHTER-LOPEZ, ABELARDO
THE DIFFUSION OF A TECHNOLOGICAL INNOVATION AND ITS INTERACTION IN THE ENVIRONMENT OF A DEVELOPING COUNTRY: THE ELECTRONIC COMPUTER IN COLOMBIA. (PH.D. 1968 RENSSELAER POLYTECHNIC INSTITUTE) 184p.
29/03-A, p. 717 **BLE68-13621**

LECLERC, JEAN-YVES
MEMORY STRUCTURES FOR INTERACTIVE COMPUTERS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 80p.
27/08-B, p. 2712 **BLE66-15428**

LECOQ, LIONEL PIERRE EUGENE FLORENT
L-INFINITY STABILITY OF NONLINEAR SYSTEMS AND ITS APPLICATIONS TO HYSTERESIS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, BERKELEY) 134p.
31/10-B, p. 5980 **BLE71-09851**

LEE, ANN LOUISE MOORE
A COMPARISON OF COMPUTER-ASSISTED INSTRUCTION AND TRADITIONAL LABORATORY INSTRUCTION IN AN UNDERGRADUATE GEOLOGY COURSE. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 161p. 34/05-A, p. 2273 **BLE73-26036**

LEE, BOCK WOOD
STABILITY THEORY OF NONLINEAR DISCRETE TIME SYSTEMS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 167p. 27/08-B, p. 2712 **BLE66-15429**

LEE, BUMJUNG
SIGNAL CONTROL IN OVERSATURATED STREET SYSTEMS. (PH.D. 1973 POLYTECHNIC INSTITUTE OF NEW YORK) 173p. 34/05-B, p. 2067 **BLE73-24776**

LEE, CHAR-TUNG
A COMPLETENESS THEOREM AND A COMPUTER PROGRAM FOR FINDING THEOREMS DERIVABLE FROM GIVEN AXIOMS. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, BERKELEY) 59p.
29/01-B, p. 183 **BLE68-10359**

LEE, CHONG CHUN
AN INTERFACE PROCESSOR FOR A HIGH SPEED RECIRCULATING DATA NETWORK. (PH.D. 1975 IOWA STATE UNIVERSITY) 234p.
36/02-B, p. 850 **BLE75-17398**

LEE, CHUNG TAK
STABILITY OF SINGLE LOOP NONLINEAR FEEDBACK SYSTEMS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 90p. 27/03-B, p. 822 **BLE66-08334**

LEE, DAVID TAI WAI
PARALLEL IMAGE PROCESSING WITH AN OPTICAL-DIGITAL COMPUTER. (PH.D. 1975 YALE UNIVERSITY) 184p. 36/12-B, p. 6310 **BLE76-13619**

LEE, DON EVARD
ROOT LOCUS AREAS FOR THE ANALYSIS AND DESIGN OF MULTIPLE LOOP CASCADE AND RELATED CONTROL SYSTEMS. (PH.D. 1965 UNIVERSITY OF MINNESOTA) 218p. 26/09, p. 5322 **BLE65-15276**

LEE, ELISA TAN
STATISTICAL DECISION-FUNCTIONS AND PATTERN RECOGNITION. (PH.D. 1974 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 150p.
35/04-B, p. 1975 **BLE74-21648**

LEE, FRANK TZE-PA
DYNAMIC PROGRAMMING AND OPTIMAL STOCHASTIC CONTROL. (PH.D. 1973 BROWN UNIVERSITY) 70p. 34/10-B, p. 5079 **BLE74-03043**

LEE, HAK CHONG
EFFECT OF ELECTRONIC DATA PROCESSING UPON THE MANAGEMENT ORGANIZATION OF A LARGE SHOE MANUFACTURING COMPANY. (D.B.A. 1963 WASHINGTON UNIVERSITY) 297p.
25/03, p. 1629 **BLE64-08286**

LEE, HENRY EDWARD
IDENTIFICATION AND OPTIMAL CONTROL OF STOCHASTIC DISTRIBUTED-PARAMETER SYSTEMS. (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 142p.
31/06-B, p. 3401 **BLE70-25678**

LEE, HONG-MOU
A HYBRID COMPUTER STUDY OF THE DYNAMICS OF A TUBULAR CHEMICAL REACTOR. (PH.D. 1970 UNIVERSITY OF HOUSTON) 265p.
32/05-B, p. 2679 **BLE71-27870**

LEE, IMBONG
STUDY OF LINEAR FEEDBACK SYSTEMS WITH PERIODIC PARAMETERS THROUGH AN EXTENSION OF THE FLOQUET THEORY. (PH.D. 1963 STANFORD UNIVERSITY) 96p. 24/02, p. 670 **BLE63-04611**

LEE, JAMES LAWRENCE
THE EFFECTIVENESS OF A COMPUTER-ASSISTED PROGRAM DESIGNED TO TEACH VERBAL-DESCRIPTIVE SKILLS UPON AN AURAL SENSATION OF MUSIC. (ED.D. 1975 EAST TEXAS STATE UNIVERSITY) 237p. 36/03-A, p. 1363 **BLE75-19975**

LEE, JOHN FONG-LOOR
IDENTIFICATION OF MODEL PARAMETERS FROM INPUT OUTPUT DATA OF DYNAMIC SYSTEMS WITH TIME DELAYS. (PH.D. 1970 UNIVERSITY OF MINNESOTA) 204p.
31/10-B, p. 5923 **BLE71-08175**

LEE, JUN-JI
DIGITAL SEQUENCES WITH SPECIAL CORRELATION PROPERTIES. (PH.D. 1971 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 106p.
32/08-B, p. 4534 **BLE72-06386**

LEE, KAIMAN
PERFORMANCE SPECIFICATION OF AN INTEGRATED COMPUTER AIDED DESIGN SYSTEM FOR THE ARCHITECT/PLANNER. (VOLUMES I AND II) (D.E.D. 1974 TEXAS A&M UNIVERSITY) 628p.
36/02-B, p. 634 **BLE75-15090**

LEE, KWANG YUN
OPTIMAL SAMPLED-DATA CONTROL OF DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 114p.
32/12-B, p. 7083 **BLE72-16466**

LEE, KWI-YOON
A STUDY AND ANALYSIS OF THE EFFECTIVENESS OF COMPUTER ASSISTED REPORTING OF FIFTH GRADE PUPILS' MATHEMATICAL PROGRESS AS PERCEIVED BY PARENTS AND PUPILS. (PH.D. 1972 THE UNIVERSITY OF IOWA) 165p.
33/04-A, p. 1368 **BLE72-26708**

LEE, KYONG-HWA
OPTIMAL LINEAR CODING FOR A MULTICHANNEL SYSTEM. (PH.D. 1975 THE UNIVERSITY OF NEW MEXICO) 146p. 37/04-B, p. 1822 **BLE76-22153**

LEE, LAWRENCE YU-KAM
A SYSTEMS ANALYSIS OF THE MING CENSORIAL SYSTEM IN CHINA (1368-1644). (PH.D. 1975 UNIVERSITY OF PITTSBURGH) 560p.
36/04-A, p. 2438 **BLE75-22418**

LEE, MUO SHUEN
A TAU-DECOMPOSITION METHOD OF STABILITY ANALYSIS FOR RETARDED DYNAMICAL SYSTEMS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, BERKELEY) 106p. 29/09-B, p. 3346 **BLE69-03644**

LEE, ROBERT ERNEST, III
DISPOSITIONAL AND INDUCED INFORMATION PROCESSING STRUCTURES. (PH.D. 1968 PRINCETON UNIVERSITY) 183p. 29/08-B, p. 3106 BLE69-02756

LEE, ROSCOE
LINEAR AND NONLINEAR COMPENSATION OF CONTROL SYSTEMS CONTAINING MULTIPLE NONLINEARITIES. (PH.D. 1968 THE UNIVERSITY OF TEXAS AT AUSTIN) 106p.
29/02-B, p. 628 BLE68-10857

LEE, ROY YUE-WING
ASYMPTOTIC ANALYSIS OF SOLUTIONS OF ALMOST DIAGONAL SYSTEMS OF ORDINARY LINEAR DIFFERENTIAL EQUATIONS AT A TURNING POINT. (PH.D. 1967 THE UNIVERSITY OF WISCONSIN - MADISON) 62p. 28/08-B, p. 3382 BLE67-12442

LEE, SHIH-YOUNG
THE DUALITY PRINCIPLE AND ITS APPLICATION TO OPTIMAL CONTROL OF LINEAR SYSTEMS. (PH.D. 1973 CORNELL UNIVERSITY) 116p.
34/11-B, p. 5467 BLE74-10869

LEE, SHUI YEE
PRACTICAL IDENTIFICATION OF A LINEAR SYSTEM FROM DISCRETE VALUES OF INPUT-OUTPUT DATA. (PH.D. 1967 UNIVERSITY OF PENNSYLVANIA) 220p.
29/01-B, p. 184 BLE68-09215

LEE, TCHUOC WEI
FREE PERIODIC VIBRATIONS OF CONTINUOUS SYSTEMS GOVERNED BY COUPLED NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS. (PH.D. 1969 MICHIGAN STATE UNIVERSITY) 93p.
31/03-B, p. 1325 BLE70-16070

LEE, WON-KYOO
TIME-OPTIMAL-CONTROL IN STOCHASTIC SYSTEMS. (PH.D. 1972 UNIVERSITY OF MISSOURI - COLUMBIA) 73p. 33/09-B, p. 4258 BLE73-07052

LEE, WOOYOUNG
ON THE LOGICAL STRUCTURE OF LARGE COMPLEX SYSTEMS IN PROCESS DESIGN. (PH.D. 1966 THE UNIVERSITY OF WISCONSIN - MADISON) 183p.
28/02-B, p. 659 BLE66-09160

LEE, YAN NAIN
COMPUTER CALCULATION OF THE LOW-ENERGY CONFORMATIONS OF NONACTIN. (PH.D. 1973 UNIVERSITY OF DELAWARE) 187p.
33/10-B, p. 4700 BLE73-09407

LEE, YOON SHICK
SYSTEM CHARACTERISTIC ADAPTIVE CONTROL SYSTEMS STUDIED VIA EQUIVALENT GREEN'S FUNCTION. (PH.D. 1964 NORTHWESTERN UNIVERSITY) 152p. 25/07, p. 4045 BLE64-12306

LEEBURG, LEWIS EUGENE
APPLICATION OF A COMPUTER-BASED GENERALIZED DATA BASE MANAGEMENT SYSTEM TO UNIVERSITY DEPARTMENTAL STUDENT INFORMATION REQUIREMENTS AT THE UNIVERSITY OF CALIFORNIA, LOS ANGELES. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 574p.
32/07-B, p. 4045 BLE72-01615

LEEDHAM, CLIVE DOUGLAS
PONTRIAGIN'S MAXIMUM PRINCIPLE AND THE DESIGN OF OPTIMUM SYSTEMS. (PH.D. 1963 PURDUE UNIVERSITY) 117p. 24/04, p. 1537 BLE63-06613

LEES, FRANCIS CARL
A NUMERICAL ANALYSIS OF THE ANTHROPOMETRICS OF TLAXCALAN POPULATIONS. (PH.D. 1975 UNIVERSITY OF KANSAS) 181p.
37/01-A, p. 430 BLE76-16746

LEET, DUANE GARY
A THEORY OF NEUROMIME NETS CONTAINING RECURRENT INHIBITION, WITH AN ANALYSIS OF A HIPPOCAMPUS MODEL. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 104p.
32/06-B, p. 3298 BLE71-31251

LEETH, JAMES C.
THE STATUS OF COMPUTER AIDED MANUFACTURING BY NUMERICAL CONTROL WITH EMPHASIS ON CURRICULUM DEVELOPMENT. (PH.D. 1973 TEXAS A&M UNIVERSITY) 86p.
34/12-A, p. 7566 BLE74-13079

LEFEVRE, RUSSELL JEAN
STOCHASTIC OPTIMAL CONTROL WITH A CONSTRAINED FEEDBACK INFORMATION RATE. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, SANTA BARBARA) 126p. 32/12-B, p. 7039 BLE72-18242

LEFFERTS, ROBERT B.
A CONCEPTUAL FRAMEWORK FOR THE ANALYSIS OF SERVICE SYSTEMS: AN IDEO-STRUCTURAL MODEL. (PH.D. 1973 BRANDEIS UNIVERSITY) 273p.
34/04-A, p. 2034 BLE73-24243

LEFFLER, FRED R.
ON THE POLYPARAMETRIC SENSITIVITY OF PARK'S EQUATIONS BY COMPUTER SIMULATION METHODS. (PH.D. 1971 OREGON STATE UNIVERSITY) 50p.
31/08-B, p. 4680 BLE71-05430

LEFKOWITZ, IRVING
ANALYSIS OF A COMPUTER CONTROL SYSTEM. (PH.D. 1958 CASE WESTERN RESERVE UNIVERSITY) 148p. 19/06, p. 1327 BLE58-05567

LEGAKIS, PANAGIOTIS I.
ROBUST STATISTICAL TECHNIQUES IN PATTERN RECOGNITION: GRAY-LEVEL AND EDGE DETECTION. (PH.D. 1976 POLYTECHNIC INSTITUTE OF NEW YORK) 196p. 37/04-B, p. 1822 BLE76-23427

LEGENDRE, LOUIS JOSEPH
A COMPUTER-BASED MODEL AS A CURRICULAR ALTERNATIVE FOR THE TEACHING OF LITERARY CRITICISM. (PH.D. 1972 THE PENNSYLVANIA STATE UNIVERSITY) 274p. 34/03-A, p. 1063 BLE73-20102

LEHERISSEY, BARBARA L.
THE EFFECTS OF STIMULATING STATE EPISTEMIC CURIOSITY ON STATE ANXIETY AND PERFORMANCE IN A COMPLEX COMPUTER-ASSISTED LEARNING TASK. (PH.D. 1971 THE FLORIDA STATE UNIVERSITY) 264p. 32/11-A, p. 6209 BLE72-13632

LEHOCZKY, JOHN PAUL
STOCHASTIC MODELS IN TRAFFIC FLOW THEORY: INTERSECTION CONTROL. (PH.D. 1969 STANFORD UNIVERSITY) 107p. 30/12-B, p. 5744 BLE70-10482

LEIBFRIED, THEODORE FREDERICK, JR.
AN INVESTIGATION OF OPTIMAL CONTROL OF AIR POLLUTION EPISODES IN THE PRESENCE OF METEROLOGICAL UNCERTAINTY. (PH.D. 1971 RICE UNIVERSITY) 127p. 32/04-B, p. 2164 BLE71-26312

LEIBLUM, MARK DAVID
AN ANALYTICAL AND COMPARATIVE STUDY OF COMPUTER-ASSISTED INSTRUCTION PROGRAMMING LANGUAGES, THEIR CHARACTERISTICS AND USAGE. (PH.D. 1974 UNIVERSITY OF SOUTHERN CALIFORNIA) 231p. 35/07-A, p. 4050 BLE75-01067

LEIDIG, ROBERT DONALD
THE DESIGN AND USE OF A DEMAND DEPOSIT DATA SYSTEM FOR COMMERCIAL BANKS. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 259p.
33/05-A, p. 1906 BLE72-29129

LEIGHTY, ROBERT DWAINE
A LOGICAL APPROACH TOWARDS TERRAIN PATTERN RECOGNITION FOR ENGINEERING PURPOSES. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 245p. 34/05-B, p. 2013 BLE73-26869

LEININGER, WAYNE ELLSWORTH, JR.
AN ANALYSIS OF SELECTED QUANTITATIVE TECHNIQUES FOR APPLICATION TO PROCESS COST ACCOUNTING SYSTEMS FOR PLANNING AND CONTROL PURPOSES. (PH.D. 1971 UNIVERSITY OF MASSACHUSETTS) 244p.
32/07-A, p. 3482 BLE72-04044

LEINIUS, RONALD PAUL
ERROR DETECTION AND RECOVERY FOR SYNTAX DIRECTED COMPILER SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 144p.
31/10-B, p. 5923 BLE70-24768

LEITNER, JOHN EARLE
REAL-TIME, CLOSED-LOOP COMPUTER CONTROL OF A GAS-CHROMATOGRAPHIC EXPERIMENT. (PH.D. 1973 THE UNIVERSITY OF FLORIDA) 267p.
35/03-B, p. 1178 BLE74-19164

LEKKOS, ANTHONY APOSTOLOS
FUNCTIONAL SIMULATION TECHNIQUES FOR A TIME-DOMAIN INTERCHANGEABLE FUNCTIONAL AND GATE-LEVEL SIMULATION ENVIRONMENT. (PH.D. 1972 SOUTHERN METHODIST UNIVERSITY) 181p.
33/09-B, p. 4234 BLE73-05202

LELAND, HAROLD ROBERT
RESPONSE OF CERTAIN NONLINEAR SYSTEMS TO RANDOM INPUTS. (PH.D. 1958 THE UNIVERSITY OF WISCONSIN - MADISON) 127p.
19/06, p. 1324 BLE58-05357

LEMAY, JOSEPH LOUIS
RECOVERABLE, REACHABLE, CONTROLLABLE, AND MAINTAINABLE REGIONS FOR CONTROL SYSTEMS WITH LINEAR PLANTS AND BOUNDED CONTROLLER OUTPUTS. (PH.D. 1963 THE UNIVERSITY OF MICHIGAN) 227p. 24/04, p. 1538 BLE63-06917

LEMKE, ELMER ALLEN
THE RELATIONSHIP OF SELECTED ABILITIES TO SOME LABORATORY CONCEPT ATTAINMENT AND INFORMATION PROCESSING TASKS. (PH.D. 1965 THE UNIVERSITY OF WISCONSIN - MADISON) 131p.
28/03-A, p. 967 BLE65-10832

LEMKE, RONALD ROBERT
ON THE APPLICATION OF THE POTENTIAL FUNCTION METHOD TO PATTERN RECOGNITION AND SYSTEM IDENTIFICATION. (PH.D. 1968 PURDUE UNIVERSITY) 187p. 29/08-B, p. 2881 BLE69-02946

LENNOX, WILLIAM CRAIG
ON THE RESPONSE OF A SPACE AND TIME DEPENDENT LINEAR SYSTEM TO A MULTIDIMENSIONAL NONHOMOGENEOUS NONSTATIONARY RANDOM FIELD. (PH.D. 1966 LEHIGH UNIVERSITY) 133p.
27/05-B, p. 1494 BLE66-11826

LENOROVITZ, DAVID R.
DEVELOPMENT OF A PROTOTYPE COMPUTER-ASSISTED SYSTEM TO BE USED AS AN AID IN FACIAL RECOGNITION TASKS. (PH.D. 1975 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 220p.
36/03-B, p. 1476 BLE75-18817

LEONARD, ROBERT GARY
AUTOMATED SELECTION OF MEASUREMENTS FOR PATTERN RECOGNITION. (PH.D. 1971 UNIVERSITY OF MISSOURI - COLUMBIA) 198p.
33/01-B, p. 199 BLE72-19217

LERMONTOV, MIHAIL
CONTROLLABILITY ASPECTS OF FIXED TIME PULSE FREQUENCY MODULATED CONTROL SYSTEMS. (PH.D. 1970 UNIVERSITY OF WASHINGTON) 153p.
31/07-B, p. 4048 BLE71-00993

LESBER, HERBERT ARTHUR
THE TIME-OPTIMAL CONTROL OF HIGH ORDER LINEAR SYSTEMS WITH BOUNDED CONTROLS. (PH.D. 1964 PRINCETON UNIVERSITY) 138p.
25/12, p. 7134 BLE65-04927

LESSING, RONALD
AN ANALYSIS OF THE QUALITY CHARACTERISTICS OF MARKOVIAN SYSTEMS. (D.B.A. 1970 UNIVERSITY OF MARYLAND) 95p.
31/08-B, p. 4707 BLE71-04049

LESTER, FRANK KLEIN, JR.
DEVELOPMENTAL ASPECTS OF HUMAN PROBLEM-SOLVING IN A SIMPLE MATHEMATICAL SYSTEM VIA COMPUTER ASSISTED INSTRUCTION. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 166p.
33/08-A, p. 4178 BLE73-02047

LESTER, ROBERT ALLEN
ANALYSIS OF SEMICONDUCTOR DEVICES BY MEANS OF NUMERICAL FIELD PLOTTING TECHNIQUES. (PH.D. 1967 UNIVERSITY OF PITTSBURGH) 149p.
28/11-B, p. 4580 BLE68-06120

LEUNG, VINCENT PING-WAH
RECURSIVE ESTIMATION AND CONTROL OF NONLINEAR STOCHASTIC SYSTEM. (PH.D. 1976 PRINCETON UNIVERSITY) 174p.
37/05-B, p. 2399 BLE76-23825

LEVIN, HERMAN
SPEECH ANALYSIS AND RECOGNITION FOR COMPUTER-ADMINISTERED INSTRUCTION. (PH.D. 1972 COLORADO STATE UNIVERSITY) 350p.
33/08-B, p. 3652 BLE73-02803

LEVIN, KATRIEL DAN
ORGANIZING DISTRIBUTED DATA BASES IN COMPUTER NETWORKS. (PH.D. 1974 UNIVERSITY OF PENNSYLVANIA) 227p.
35/08-B, p. 3870 BLE75-02754

LEVINE, DAVID MARTIN
EFFECTS OF DELAY TIMES AND NOISE FIELDS ON PATTERN RECOGNITION OF SEQUENTIAL INPUTS. (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 223p.
34/02-B, p. 896 BLE73-19386

LEVINE, DAVID RAYNER
COMPUTER-BASED ANALYTIC GRADING FOR GERMAN GRAMMAR INSTRUCTION. (PH.D. 1973 STANFORD UNIVERSITY) 216p.
33/12-B, p. 5768 BLE73-14928

LEVINE, STANLEY LOUIS
PROGRAMED AND TEACHER ORIENTED INSTRUCTION IN A COMPUTER PROGRAMMING COURSE. (ED.D. 1964 UNIVERSITY OF SOUTHERN CALIFORNIA) 250p. 25/06, p. 3436 BLE64-13501

LEVINE, STEPHEN ROBERT
INTERACTIVE 3D MOTION GRAPHICS WITH LARGE DATA BASES. (PH.D. 1975 STANFORD UNIVERSITY) 180p. 36/05-B, p. 2353 BLE75-25564

LEVINE, THEODOR HERZL
STATISTICAL MODELS FOR THE DESIGN AND EVALUATION OF A STORE AND FORWARD COMMUNICATION SYSTEM. (PH.D. 1968 UNIVERSITY OF PENNSYLVANIA) 135p.
29/08-B, p. 2882 BLE69-00137

LEVY, ALEJANDRO VELASCO
MATHEMATICAL PROGRAMMING FOR CONSTRAINED MINIMAL PROBLEMS: MODIFICATIONS AND EXTENSIONS OF THE CONJUGATE GRADIENT-RESTORATION ALGORITHM. (PH.D. 1972 RICE UNIVERSITY) 43p. 33/04-B, p. 1671 BLE72-26447

LEVY, BURT JEROME
VOLUME I: ASPECTS OF A SYSTEMS APPROACH TO MUSICAL ANALYSIS. VOLUME II: TRYONYM FOR ORCHESTRA. (ORIGINAL COMPOSITION). (D.MUS.A. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 306p.
33/10-A, p. 5766 BLE73-09981

LEVY, JEAN-PIERRE
AUTOMATIC CORRECTION OF SYNTAX ERRORS IN PROGRAMMING LANGUAGES. (PH.D. 1971 CORNELL UNIVERSITY) 148p. 32/12-B, p. 6972 BLE72-18567

LEWALLEN, RICHARD AUSTIN
A STANDARDIZED APPROACH TO DEVELOPING SOFTWARE FOR COMPUTER GRAPHICS APPLICATIONS. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 108p.
34/08-B, p. 3745 BLE74-04262

LEWIN, MORTON HERBERT
NEGATIVE-RESISTANCE ELEMENTS AS DIGITAL COMPUTER COMPONENTS. (PH.D. 1960 PRINCETON UNIVERSITY) 308p. 21/12, p. 3731 BLE61-01125

LEWINE, ROBERT NORMAN
COMPUTATION OF OPTIMAL AND SUBOPTIMAL PIECEWISE CONSTANT CONTROL FUNCTIONS. (PH.D. 1968 CORNELL UNIVERSITY) 80p.
29/02-B, p. 612 BLE68-11636

LEWIS, DANIEL WESLEY
CONDITIONAL OPCODE INTERPRETATION IN VARIOUS COMPUTER ARCHITECTURES. (PH.D. 1975 SYRACUSE UNIVERSITY) 151p.
36/10-B, p. 5182 BLE76-07596

LEWIS, HEYDON ZANE
COMPUTER-AIDED DESIGN OF FEEDBACK CONTROL SYSTEMS WITH PLANT PARAMETER VARIATIONS. (PH.D. 1969 UNIVERSITY OF COLORADO AT BOULDER) 181p. 30/10-B, p. 4621 BLE70-05868

LEWIS, JESSE CORNELIUS
A COMPUTER STUDY OF PERMANENTS OF N-SQUARE (0,1) - MATRICES IN THE CLASS U(K, K). (PH.D. 1966 SYRACUSE UNIVERSITY) 113p.
27/12-B, p. 4478 BLE67-07082

LEWIS, JOHN BARKLEY
DESIGN OF OPTIMUM QUANTIZED-CONTROL-SIGNAL SAMPLED-DATA SYSTEMS. (PH.D. 1961 PURDUE UNIVERSITY) 157p. 22/07, p. 2337 BLE61-06543

LEWIS, LUCILLE GRIGWARE
A COMPUTER-AIDED ATTRIBUTE ANALYSIS OF A LITHIC INDUSTRY FROM NORTHERN CHILE. (PH.D. 1973 COLUMBIA UNIVERSITY) 407p.
34/08-B, p. 3607 BLE74-01498

LEWIS, ROBERT MILLARD
INFORMATION PROCESSING, HUMANISM, AND THE HELPING RELATIONSHIP: THE APPLICATION OF SYSTEM-THEORETIC MODELS TO COUNSELING AND COUNSELOR EDUCATION. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 446p.
34/10-A, p. 6386 BLE73-28930

LI, CHING-CHUNG
INTEGRAL PULSE FREQUENCY MODULATED CONTROL SYSTEMS. (PH.D. 1961 NORTHWESTERN UNIVERSITY) 242p. 22/08, p. 2739 BLE61-05334

LI, SHING TED
COMPUTER-AIDED TOLERANCE ASSIGNMENT AND ANALYSIS. (PH.D. 1974 GEORGIA INSTITUTE OF TECHNOLOGY) 164p.
35/04-B, p. 1667 BLE74-21871

LI, TSAN-CHIN
THE ON-LINE DIGITAL COMPUTER CONTROL OF A NONINTERACTING MULTIVARIABLE SYSTEM. (PH.D. 1971 TULANE UNIVERSITY) 201p.
32/11-B, p. 6378 BLE72-14195

LIAO, THOMAS
THE USE OF ANALOG COMPUTER SIMULATION FOR LEARNING MODELING CONCEPTS AND SKILLS. (ED.D. 1971 COLUMBIA UNIVERSITY) 109p.
32/03-A, p. 1358 BLE71-24156

LIAW, GOANG-TZER
THE EFFECTS OF SOME DESIGN FACTORS ON THE EFFICIENCY OF PRODUCTION LINE SYSTEMS. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 102p. 34/02-B, p. 758 BLE73-17586

LIBERMAN, ALLEN HARVEY
A SYSTEM FOR COMPUTER AIDED SYNTHESIS OF DIGITAL LOGIC CIRCUITS. (D.ENG. 1968 UNIVERSITY OF DETROIT) 139p. 30/02-B, p. 650 BLE69-12317

LICHTEN, LARRY BEN
STUDIES IN THE COMPUTER-AIDED DESIGN OF CONNECTED SURFACES. (PH.D. 1976 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 286p.
37/03-B, p. 1336 BLE76-20206

LICHTENBERGER, WILLIAM WAYNE
THE IDENTIFICATION OF LINEAR SYSTEMS BY MEANS OF CORRELATING FILTERS. (PH.D. 1961 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 89p. 21/11, p. 3397 BLE61-01638

LICHTMAN, ZAVDI
AN ALGEBRAIC APPROACH TO EQUALITY LOGIC OVER THE INTEGERS WITHOUT MULTIPLICATION. (PH.D. 1974 SYRACUSE UNIVERSITY) 65p.
35/11-B, p. 5379 BLE75-10654

LIDELL, ROBERT WILLIAM, III
INTERPRETATION OF INFRARED SPECTRA USING PATTERN RECOGNITION TECHNIQUES. (PH.D. 1975 THE PENNSYLVANIA STATE UNIVERSITY) 104p. 37/02-B, p. 792 **BLE76-17187**

LIDEN, SAM PAUL
GENERALIZED HISTOGRAM APPROXIMATIONS TO MULTIVARIATE PROBABILITY DENSITIES WITH APPLICATIONS TO PATTERN RECOGNITION. (PH.D. 1969 ARIZONA STATE UNIVERSITY) 142p. 30/02-B, p. 650 **BLE69-12559**

LIEBERMAN, LAWRENCE ISAAC
COMPUTER RECOGNITION AND DESCRIPTION OF NATURAL SCENES. (PH.D. 1974 UNIVERSITY OF PENNSYLVANIA) 143p. 35/08-B, p. 3870 **BLE75-02756**

LIEBERT, THOMAS ANDREW
REAL-TIME SIMULATION OF DYNAMICAL SYSTEMS ON A SMALL DIGITAL COMPUTER. (PH.D. 1970 THE UNIVERSITY OF ARIZONA) 146p. 31/05-B, p. 2622 **BLE70-22009**

LIEBMAN, JUDITH S.
THE DEVELOPMENT AND APPLICATION OF A MATHEMATICAL PROGRAMMING MODEL OF PERSONNEL ALLOCATION IN AN EXTENDED CARE NURSING UNIT. (PH.D. 1971 THE JOHNS HOPKINS UNIVERSITY) 191p. 32/02-B, p. 960 **BLE71-21028**

LILIENFELD, ROBERT HENRY
THE RISE OF SYSTEMS THEORY - AN IDEOLOGICAL ANALYSIS. (PH.D. 1975 NEW SCHOOL FOR SOCIAL RESEARCH) 496p. 36/05-A, p. 3144 **BLE75-25454**

LILLIS, WILLIAM JOSEPH
COMPUTER AIDED DESIGN OF INTEGRATED CIRCUITS. (PH.D. 1972 THE UNIVERSITY OF ARIZONA) 118p. 32/09-B, p. 5187 **BLE72-08924**

LIM, YEN SAN
A STUDY OF FORCED OSCILLATION SYSTEMS WITH NONLINEAR RESTORING AND NONLINEAR DAMPING FORCES. (PH.D. 1961 THE UNIVERSITY OF MICHIGAN) 84p. 22/02, p. 521 **BLE61-02769**

LIMA FILHO, ALBERTO DE OLIVEIRA
AN ANALYSIS OF THE DEVELOPMENT OF CONTROLLED RETAILING SYSTEMS IN THE GREATER SAO PAULO METROPOLITAN AREA. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 363p. 33/09-A, p. 4606 **BLE73-05424**

LIMBERT, DAVID EDWIN
TRANSIENTS IN DISCONTINUOUS CONTROL SYSTEMS. (PH.D. 1969 CASE WESTERN RESERVE UNIVERSITY) 137p. 30/09-B, p. 4098 **BLE70-04963**

LIN, JENG NAN
OPTIMAL CONTROL COMPUTATIONS FOR LINEAR SAMPLED-DATA SYSTEMS. (PH.D. 1968 MICHIGAN STATE UNIVERSITY) 113p. 30/02-B, p. 650 **BLE69-11125**

LIN, JUAN
STABILITY OF NONLINEAR OSCILLATORY SYSTEMS. (PH.D. 1976 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 203p. 37/03-B, p. 1291 **BLE76-19691**

LIN, KUANG-SHIN
HARDWARE AND SOFTWARE DESIGN AND IMPLEMENTATION OF CELLULAR LOGIC PROCESSORS. (PH.D. 1976 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 176p. 37/03-B, p. 1336 **BLE76-19716**

LIN, SHEN
COMPUTER STUDIES OF TURING MACHINE PROBLEMS. (PH.D. 1963 THE OHIO STATE UNIVERSITY) 40p. 24/11, p. 4713 **BLE64-06920**

LIN, SHENG HSIUNG
SYSTEMS APPROACHES TO WATER QUALITY CONTROL OF STREAMS RECEIVING THERMAL AND ORGANIC WASTE DISCHARGES. (PH.D. 1974 KANSAS STATE UNIVERSITY) 217p. 35/09-B, p. 4443 **BLE75-05189**

LIN, TA-TUNG
LINEAR DECISION FUNCTIONS FOR PATTERN RECOGNITION. (PH.D. 1968 NORTHWESTERN UNIVERSITY) 65p. 29/07-B, p. 2438 **BLE69-01883**

LIN, TEH-SEN
ANALYSIS OF NONLINEAR SYSTEMS WITH STOCHASTIC PARAMETERS AND STOCHASTIC INPUTS. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 152p. 32/12-B, p. 7086 **BLE72-17386**

LIN, WEN-CHUN
AN ADAPTIVE PATTERN RECOGNITION MACHINE USING NEURON-LIKE ELEMENTS. (PH.D. 1965 PURDUE UNIVERSITY) 146p. 27/01-B, p. 178 **BLE66-05283**

LIN, WEN-TE KOBE
A STATISTICAL STUDY OF CP/67 OPERATING SYSTEM. (PH.D. 1974 BROWN UNIVERSITY) 197p. 35/11-B, p. 5380 **BLE75-09199**

LIND, RICHARD OSCAR
DATA STRUCTURE, SOFTWARE AND BIOMEDICAL APPLICATION OF AN INTERACTIVE GRAPHICS SYSTEM USING A SMALL COMPUTER. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 107p. 33/06-B, p. 2556 **BLE72-32494**

LINDAHL, CHARLES ELLIS
TIME DOMAIN SYNTHESIS OF LINEAR SYSTEMS BY MEANS OF BEST WEIGHTED TSCHEBYSCHEFF APPROXIMATIONS. (PH.D. 1968 THE UNIVERSITY OF MICHIGAN) 216p. 29/08-B, p. 2682 **BLE69-02343**

LINDBERG, HERBERT EDNAR
STUDIES OF SECOND AND THIRD ORDER CONTACTOR CONTROL SYSTEMS. (PH.D. 1958 STANFORD UNIVERSITY) 159p. 19/04, p. 782 **BLE58-03614**

LINDBERGER, NILS ARNE
STOCHASTIC ESTIMATION AND IDENTIFICATON OF COMPUTER REGULATED LINEAR PLANTS IN A NOISY ENVIRONMENT. (PH.D. 1970 UNIVERSITY OF WASHINGTON) 359p. 31/04-B, p. 1967 **BLE70-19638**

LINDBORG, SHERRIE LOUISE
A SYSTEMATIC RETRIEVAL OF INFORMATION FROM A CONSULTATION CASE REGISTER. (PH.D. 1975 UNIVERSITY OF MINNESOTA) 115p. 36/06-A, p. 3183 **BLE75-27214**

LINDENLAUB, JOHN CHARLES
LIMITS ON THE IDENTIFICATION TIME FOR LINEAR SYSTEMS. (PH.D. 1961 PURDUE UNIVERSITY) 125p. 22/07, p. 2337 **BLE61-05730**

LINDGREN, ALLEN GUSTAVE
SYNTHESIS OF MULTIVARIABLE SYSTEMS WITH INTERACTING CONTROL. (PH.D. 1963 THE UNIVERSITY OF CONNECTICUT) 85p. 24/11, p. 4606 **BLE64-03644**

LINDGREN, DONALD ARTHUR
THE USE OF ELECTRONIC DATA PROCESSING IN INDUSTRIAL PURCHASING DEPARTMENTS OF LARGE UNITED STATES CORPORATIONS. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 250p. 29/01-A, p. 6 **BLE68-07113**

LINDH, KENNETH GEORGE
ANALYSIS OF THE STABILITY OF SYSTEMS OF PERIODIC DIFFERENTIAL EQUATIONS BY AN EXTENDED INFINITE DETERMINANT METHOD. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 145p. 30/02-B, p. 687 **BLE69-11894**

LINDNER, RICHARD JOHN
A CATALOGING TECHNIQUE AND A COMPUTER-AIDED SYSTEM FOR RETRIEVING INFORMATION ABOUT BRASS MUSIC. (VOLUMES I AND II). (PH.D. 1971 THE UNIVERSITY OF IOWA) 462p. 32/09-A, p. 5270 **BLE72-08281**

LINDQUIST, JOHN DAVID
POLITICAL LIFE IN THE STATE UNIVERSITY: A SYSTEMS AND COMMUNITY POWER ANALYSIS OF A FACULTY SENATE. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 648p. 33/07-A, p. 3206 **BLE72-29135**

LINDSEY, KEITH EDWARD
A COMPUTER-AIDED SYSTEM FOR FORMING COMPLEX SHAPED PANELS. (PH.D. 1972 STANFORD UNIVERSITY) 220p. 32/12-B, p. 7066 **BLE72-16745**

LINDSTROM, GARY EDWARD
VARIABILITY IN LANGUAGE PROCESSORS. (PH.D. 1971 CARNEGIE-MELLON UNIVERSITY) 150p. 31/08-B, p. 4629 **BLE71-04537**

LING, TSE-SHENG
THE LOGICAL AND ANALYTICAL STRUCTURE OF THE COMPUTER-AIDED DESIGN PROCESS AS APPLIED TO A CLASS OF MECHANICAL DESIGN PROBLEMS. (PH.D. 1964 THE UNIVERSITY OF MICHIGAN) 144p. 25/12, p. 7170 **BLE65-05925**

LINK, ALBERT D.
A COMPARISON OF RETRIEVAL EFFICACY FROM THE EDUCATIONAL RESOURCES INFORMATION CENTER (ERIC) AUTOMATED INFORMATION RETRIEVAL SYSTEM USING COMPUTER-ASSISTED INSTRUCTION TRAINING AND SEARCH NEGOTIATIONS AS REQUESTER-TO-SYSTEM INTERFACE METHODS. (PH.D. 1972 NEW MEXICO STATE UNIVERSITY) 139p. 33/09-A, p. 4744 **BLE73-05877**

LINK, REGINA LEE
COMPUTER ANALYSIS OF NORMAL PORE DISTRIBUTION IN SELECTED CYTHERACEAN OSTRACODA. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 132p. 36/09-B, p. 4361 **BLE76-06845**

LINN, WILLIAM ERWIN, JR.
MAN-MACHINE REFERENTIAL COMMUNICATION IN A PERSONAL INFORMATION RETRIEVAL SYSTEM. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 192p. 33/09-B, p. 4235 **BLE73-06867**

LINS, WILLIAM CHARLES
ELECTRONIC DATA PROCESSING AND THE PUBLIC ACCOUNTING PROFESSION. (PH.D. 1962 COLUMBIA UNIVERSITY) 187p. 28/04-A, p. 1179 **BLE65-07497**

LINSTONE, ROBERT THEODORE
AN APPLICATION OF COMPUTER TECHNOLOGY TO EDUCATIONAL ADMINISTRATION. (ED.D. 1969 UNIVERSITY OF MASSACHUSETTS) 202p. 30/10-A, p. 4192 **BLE70-06674**

LINTON, THOMAS DAVIS
A FUNCTION-SPACE APPROACH TO THE STOCHASTIC OPTIMAL-CONTROL PROBLEM. (PH.D. 1973 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 100p. 35/02-B, p. 825 **BLE74-18348**

LION, PAUL MICHEL, III
STABILITY OF LINEAR PERIODIC CONTROL SYSTEMS. (PH.D. 1965 PRINCETON UNIVERSITY) 135p. 26/07, p. 3798 **BLE65-13150**

LIOU, CHING TIEN
LIAPUNOV FUNCTIONAL METHOD FOR STABILITY ANALYSIS OF CLASSES OF DISTRIBUTED-PARAMETER SYSTEMS AND THEIR APPLICATIONS TO TUBULAR REACTORS AND CATALYST PARTICLES. (PH.D. 1972 PURDUE UNIVERSITY) 185p. 34/08-B, p. 3772 **BLE74-04924**

LIOU, MING-LEI
NONLINEAR SYSTEM ANALYSIS AND SYNTHESIS. (PH.D. 1964 STANFORD UNIVERSITY) 151p. 25/02, p. 1103 **BLE64-07663**

LIPANI, CHARLES S.
DEVELOPMENT AND ASSESSMENT OF A COMPUTER-BASED RESOURCE UNIT IN DENTAL RADIOLOGY. (PH.D. 1973 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 157p. 34/06-B, p. 2730 **BLE73-29110**

LIPINSKI, WALTER CHARLES
OPTIMAL DIGITAL COMPUTER CONTROL OF NUCLEAR REACTORS. (PH.D. 1969 ILLINOIS INSTITUTE OF TECHNOLOGY) 256p. 30/01-B, p. 204 **BLE69-12005**

LIPKA, M. STEPHEN ERIK
QUERIES AND RELATIONS IN THE GRIPHOS SYSTEM. (PH.D. 1975 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 121p. 36/05-B, p. 2353 **BLE75-24639**

LIPOVSKI, GERALD JOHN
THE ARCHITECTURE OF A LARGE DISTRIBUTED LOGIC ASSOCIATIVE PROCESSOR. (PH.D. 1969 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 162p. 31/02-B, p. 669 **BLE70-13396**

LIPPERT, HENRY THOMPSON
COMPUTER-AIDED LEARNING AND TRANSFER EFFECTS OF RUSSIAN PRONUNCIATION. (ED.D. 1967 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 174p. 28/08-A, p. 3028 **BLE68-01800**

LIPSEY, ELMER M.
THE DIAGNOSTIC PROCESS: A STUDY IN OPTIMAL CONTROL. (SC.D. 1975 THE GEORGE WASHINGTON UNIVERSITY) 92p. 36/08-B, p. 4078 **BLE76-03784**

LIPTON, RICHARD J.
ON SYNCHRONIZATION PRIMITIVE SYSTEMS. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 119p. 34/05-B, p. 1975 **BLE73-26959**

LISBE, STUART GEORGE
EVALUATION OF AN APPLICATION OF A COMPUTER RETRIEVAL SYSTEM TO COLLEGE SEX EDUCATION. (ED.D. 1971 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 118p. 32/02-A, p. 839 **BLE71-21707**

LISKOV, NATHAN ARTHUR
ANALYTICAL TECHNIQUES FOR LINEAR TIME-VARYING SYSTEMS. (PH.D. 1965 CORNELL UNIVERSITY) 140p. 25/12, p. 7159 **BLE65-05723**

LISLE, FRANK CHARLES
AN EXPERIMENT IN EXTENDING FORTRAN FOR REAL TIME PROGRAMMING. (PH.D. 1970 SYRACUSE UNIVERSITY) 284p. 31/11-B, p. 6610 **BLE71-10940**

LISSACK, TSVI
ERROR ESTIMATION AND ITS APPLICATION TO FEATURE EXTRACTION IN PATTERN RECOGNITION. (PH.D. 1973 PURDUE UNIVERSITY) 186p. 34/09-B, p. 4378 **BLE74-05001**

LITECKY, CHARLES ROGER
A STUDY OF ERRORS, ERROR-PRONENESS, AND ERROR DIAGNOSIS OF PROGRAMMING LANGUAGES WITH SPECIAL REFERENCE TO COBOL. (PH.D. 1974 UNIVERSITY OF MINNESOTA) 200p. 35/02-B, p. 779 **BLE74-17263**

LITOFSKY, BARRY
UTILITY OF AUTOMATIC CLASSIFICATION SYSTEMS FOR INFORMATION STORAGE AND RETRIEVAL. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 507p. 30/07-B, p. 3264 **BLE69-21394**

LITTLECHILD, STEPHEN CHARLES
ON SOME APPLICATIONS OF MATHEMATICAL PROGRAMMING IN ECONOMICS. (PH.D. 1969 THE UNIVERSITY OF TEXAS AT AUSTIN) 173p. 30/07-A, p. 2704 **BLE69-21851**

LITTLEFIELD, WARREN MACARTHUR
INVESTIGATION OF THE LINEAR-RANGE OF THE PERIPHERAL AUDITORY SYSTEM. (D.SC. 1973 WASHINGTON UNIVERSITY) 238p. 34/12-B, p. 5829 **BLE74-13806**

LIU, CHAO-KAI
ERROR-CORRECTING-CODES IN COMPUTER ARITHMETIC. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 108p. 34/02-B, p. 670 **BLE73-17303**

LIU, CHENG CHUNG
TESTING AN EMPIRICAL PROCEDURE FOR IDENTIFYING TECHNICAL ASSOCIATIVE CONCEPTUAL STRUCTURES: DISCRIMINATING BETWEEN STUDENT GROUPS BY PERFORMANCE AND BY CREATIVE THINKING IN A MOBILE COMMUNICATIONS TECHNOLOGY PROGRAM. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 224p. 33/01-A, p. 144 **BLE72-20124**

LIU, HSI-CHIU
COMPUTER-ASSISTED INSTRUCTION IN TEACHING COLLEGE PHYSICS. (PH.D. 1975 WESTERN MICHIGAN UNIVERSITY) 320p. 36/03-A, p. 1411 **BLE75-18862**

LIU, LUN KING
APPLICATION OF ULTRASPHERICAL POLYNOMIAL APPROXIMATION TO NONLINEAR SYSTEMS WITH TWO DEGREES OF FREEDOM. (PH.D. 1965 WAYNE STATE UNIVERSITY) 119p. 30/01-B, p. 237 **BLE69-11548**

LIU, PHILIP SZE-ON
DYNAMIC MICROPROGRAMMING IN FORTRAN ENVIRONMENT. (PH.D. 1975 PURDUE UNIVERSITY) 201p. 36/10-B, p. 5182 **BLE76-07097**

LIU, SHAUN SHAO-JUNG
A GRAMMAR DRIVEN DATA TRANSLATION MODEL. (PH.D. 1975 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 137p. 36/05-B, p. 2353 **BLE75-24637**

LIU, SHIANG FAN
INSTRUMENTATION AND MEASUREMENT OF PROGRAMMING LANGUAGE TRANSLATORS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 193p. 32/08-B, p. 4534 **BLE72-05844**

LIU, TSO-KAI
SYNTHESIS OF LOGIC NETWORKS WITH MOS COMPLEX CELLS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 232p. 33/10-B, p. 4761 **BLE73-09985**

LIU, YIH-AN
OBSERVER THEORY FOR THE MODELLING, ANALYSIS, ESTIMATION AND CONTROL OF CHEMICAL PROCESS SYSTEMS. (PH.D. 1974 PRINCETON UNIVERSITY) 492p. 35/09-B, p. 4444 **BLE75-06655**

LIVELY, WILLIAM MCCAIN, III
HEURISTIC AND LEARNING PROGRAM APPLICATIONS TO THE DIFFERENTIAL DIAGNOSIS OF NEONATAL HEPATITIS AND EXTRAHEPATIC BILIARY ATRESIA. (PH.D. 1971 SOUTHERN METHODIST UNIVERSITY) 171p. 32/08-B, p. 4535 **BLE72-06360**

LIVERMORE, DONALD FRANK
ANALYSIS OF LARGE DEFLECTIONS IN MULTIPLE DEGREE OF FREEDOM SUSPENSION SYSTEMS. (PH.D. 1965 NORTHWESTERN UNIVERSITY) 264p. 26/12, p. 7230 **BLE66-12122**

LIVINGS, HAROLD EDWARD, III
SELF-ADAPTIVE TELEPROCESSING NETWORK DESIGN. (PH.D. 1975 TEXAS A&M UNIVERSITY) 188p. 36/05-B, p. 2353 **BLE75-25123**

LLOYD, STEPHEN CARROLL
PARALLEL COMPUTATIONAL SCHEMATA (PCS): A CONSTRUCTIVELY DETERMINATE MODEL WITH DYNAMIC OPERAND RESOLUTION AND DISTRIBUTED CONTROL. (PH.D. 1975 DUKE UNIVERSITY) 313p. 36/03-B, p. 1314 **BLE75-19171**

LO, CHING-TSAN
OPTIMAL CONTROL OF COUNTERCURRENT DISTRIBUTED-PARAMETER SYSTEMS. (PH.D. 1970 PURDUE UNIVERSITY) 175p. 31/10-B, p. 5950 **BLE71-09431**

LO, KUANG-MEI
DIGITAL COMPUTER SIMULATION OF WATER AND WASTEWATER SLUDGE DEWATERING ON SAND BEDS. (PH.D. 1971 UNIVERSITY OF MASSACHUSETTS) 278p. 32/06-B, p. 3342 **BLE72-00641**

LO, TA-CHEN
COMPUTER AIDS IN COMPUTER SYSTEMS ANALYSIS. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 198p. 34/05-B, p. 1975 **BLE73-26038**

LOBBIA, ROBERT NICHOLAS
PARAMETER-ADAPTIVE SELF-ORGANIZING CONTROL OF STOCHASTIC LINEAR DISCRETE-TIME SYSTEMS. (PH.D. 1972 PURDUE UNIVERSITY) 123p. 33/06-B, p. 2611 **BLE72-30929**

LOBDELL, TIMOTHY EDWIN
A DIGITAL COMPUTER MODEL OF THE CARDIOVASCULAR SYSTEM. (D.ENG. 1970 UNIVERSITY OF CALIFORNIA, BERKELEY) 206p. 31/10-B, p. 5938 **BLE71-09751**

LOCHRIE, WILLIAM DEO
THE APPLICATION OF NONLINEAR PROGRAMMING TO DYNAMIC SYSTEM ESTIMATION, IDENTIFICATION AND ADAPTATION. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, IRVINE) 92p.
31/08-B, p. 4690 BLE71-04280

LODAYA, MANIKANT D.
APPLICATION OF THE EPSILON-METHOD TO OPTIMAL SYSTEMS-DESIGN. (PH.D. 1973 THE UNIVERSITY OF TOLEDO) 174p. 35/02-B, p. 860 BLE74-18922

LOEB, JONAH ZVI
THE APPLICATION OF QUALITY CONTROL DATA IN FEEDBACK SYSTEMS. (PH.D. 1965 CASE WESTERN RESERVE UNIVERSITY) 158p.
26/08, p. 4520 BLE66-13782

LOEW, MURRAY HOWARD
COMPUTER-AIDED MEDICAL DIAGNOSIS USING SEQUENTIAL PATTERN RECOGNITION TECHNIQUES. (PH.D. 1972 PURDUE UNIVERSITY) 174p.
33/06-B, p. 2611 BLE72-30930

LOFTUS, ELIZABETH JANE FISHMAN
AN ANALYSIS OF THE STRUCTURAL VARIABLES THAT DETERMINE PROBLEM-SOLVING DIFFICULTY ON A COMPUTER-BASED TELETYPE. (PH.D. 1970 STANFORD UNIVERSITY) 104p.
31/11-A, p. 5853 BLE71-12842

LOGGINS, AARON B.
MODIFIED WIENER-BOSE THEORY WITH APPLICATION TO DYNAMIC SYSTEMS. (PH.D. 1972 TEXAS TECH UNIVERSITY) 100p.
33/08-B, p. 3652 BLE73-04061

LOHMAN, MAURICE ANATOLE
THE APPLICATION OF DATA PROCESSING PROCEDURE TO THE TESTING OF. (ED.D. 1962 COLUMBIA UNIVERSITY) 134p.
23/05, p. 1581 BLE62-04805

LOHRISCH, DAVID NIVEN
A SYSTEMS ANALYSIS OF A HOSPITAL BASED RURAL EMERGENCY MEDICAL SERVICE SYSTEM. (PH.D. 1975 THE UNIVERSITY OF MISSISSIPPI) 127p.
36/07-B, p. 3323 BLE76-00456

LOKEY, KENNETH RAY
THE EFFECTS OF SELECTED TECHNIQUES AND BEHAVIORAL VARIABLES ON THE IMPLEMENTATION OF OPERATIONS RESEARCH PROPOSALS. (D.B.A. 1972 TEXAS TECH UNIVERSITY) 233p.
33/08-A, p. 3867 BLE73-04062

LOMET, DAVID BRUCE
THE CONSTRUCTION OF EFFICIENT DETERMINISTIC LANGUAGE PROCESSORS. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 150p.
31/03-B, p. 1224 BLE70-16180

LONDON, J. PHILLIP
EVALUATING PROPOSALS FOR THE APPLICATION OF A COMPUTER-BASED MANAGEMENT INFORMATION SYSTEM: AN INVESTIGATION OF CURRENTLY USED PROCEDURAL METHODS. (D.B.A. 1971 THE GEORGE WASHINGTON UNIVERSITY) 274p.
32/08-A, p. 4183 BLE72-07606

LONG, CHARLES RAY
APPLICATION OF MATHEMATICAL PROGRAMMING TO EVALUATION OF SYSTEMS OF BEEF CATTLE BREEDING. (PH.D. 1972 TEXAS A&M UNIVERSITY) 168p. 33/03-B, p. 972 BLE72-24308

LONG, HARVEY SHENK
A DETERMINATION OF THE RELATION OF THE TOTAL TIME FOR COURSE COMPLETION TO THE DURATION OF THE STUDY INTERVAL IN TEACHING VIA COMPUTER ASSISTED INSTRUCTION. (PH.D. 1969 NEW YORK UNIVERSITY) 226p.
30/06-A, p. 2422 BLE69-21198

LONG, JANICE MCHUGH
AN ANALYSIS OF TELECOMMUNICATIONS TECHNOLOGY IN HIGHER EDUCATION: FUTURE NON-TRADITIONAL DELIVERY SYSTEM IN AN URBAN SETTING. (PH.D. 1974 UNIVERSITY OF CINCINNATI) 320p. 35/08-A, p. 5058 BLE75-03377

LONG, LELAND LOVELL
MATHEMATICAL MODELLING OF RIVER WATER TEMPERATURES. (PH.D. 1972 UNIVERSITY OF MISSOURI - ROLLA) 118p.
34/01-B, p. 174 BLE73-17072

LONG, RICHARD GENE
T-SYSTEMS AND BERNSTEIN SYSTEMS IN NORMED LINEAR SPACES. (PH.D. 1957 UNIVERSITY OF WASHINGTON) 48p. 18/01, p. 242 BLE00-24898

LONG, THOMAS RICHARD
PROGRAMMED INSTRUCTION VERSUS LECTURING IN A GUIDED DESIGN EDUCATIONAL SYSTEM FORMAT. (ED.D. 1974 WEST VIRGINIA UNIVERSITY) 112p.
35/04-A, p. 1963 BLE74-21829

LONGE, OLUWUMI
AN INDEX OF SMOOTHNESS FOR COMPUTER PROGRAM FLOWGRAPHS. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 131p.
35/11-B, p. 5380 BLE75-11387

LONGHILL, JOHN DESMOND
AN INQUIRY INTO THE CERTIFICATE IN DATA PROCESSING (CDP) PROGRAM. (D.B.A. 1976 THE GEORGE WASHINGTON UNIVERSITY) 274p.
37/05-A, p. 3018 BLE76-24882

LONGSDORF, HOMER HOWARD
THE DEVELOPMENT AND TESTING OF A SLIDE-AUDIO TAPE PROGRAM DESIGNED TO TEACH THE USE OF THE ERIC SYSTEM OF INFORMATION RETRIEVAL. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 143p.
32/12-B, p. 7146 BLE72-16471

LOOMBA, RAJINDER PAL
ANALYSIS OF NONLINEAR SYSTEMS BY ROOT-LOCUS METHOD. (PH.D. 1961 UNIVERSITY OF UTAH) 104p.
22/05, p. 1554 BLE61-03346

LOOMIS, DONALD CLINTON
VALUE-BASED ALLOCATION OF COMPUTING SYSTEM RESOURCES. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, IRVINE) 165p.
35/11-B, p. 5380 BLE75-11028

LOOMIS, MARY ELIZABETH
DATA BASE DESIGN: OBJECT DISTRIBUTION AND RESOURCE-CONSTRAINED TASK SCHEDULING. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 241p. 36/10-B, p. 5142 BLE76-08999

LOOMIS, WILLARD CORSON
OPTIMAL DESIGN OF DISCRETE STRUCTURAL SYSTEMS (STATICS, DYNAMICS AND STABILITY). (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 260p. 32/07-B, p. 3981 BLE72-02863

LOPEZ, ADOLFO G.
A DIGITAL COMPUTER STUDY OF THE TRANSIENT STABILITY OF A SALIENT SYNCHRONOUS GENERATOR. (PH.D. 1966 UNIVERSITY OF MISSOURI - COLUMBIA) 129p. 27/11-B, p. 3938 BLE67-00920

LOPEZ B., LUIS ALFONSO
DYSCO: AN INTERACTIVE EXECUTIVE PROGRAM FOR DYNAMIC SIMULATION AND CONTROL OF CHEMICAL PROCESSES. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 661p. 35/05-B, p. 2166 BLE74-25256

LOPRESTI, PHILIP VINCENT
ON THE CONTROL OF DISCRETE RANDOM PARAMETER SYSTEMS. (PH.D. 1963 PURDUE UNIVERSITY) 100p. 24/12, p. 5295 BLE64-05744

LORBER, MICHAEL ANDREW
THE EFFECTIVENESS OF COMPUTER ASSISTED INSTRUCTION IN THE TEACHING OF TESTS AND MEASUREMENTS TO PROSPECTIVE TEACHERS. (PH.D. 1970 OHIO UNIVERSITY) 110p.
31/06-A, p. 2775 BLE70-24434

LORCHIRACHOONKUL, VICHIT
OPTIMAL CONTROL OF SAMPLED-DATA AND STOCHASTIC DISTRIBUTED- PARAMETER SYSTEMS. (PH.D. 1967 MONTANA STATE UNIVERSITY) 184p.
28/05-B, p. 1936 BLE67-13576

LORD, ROBERT JOHN ARTHUR
A STUDY OF PLANNING AND CONTROL SYSTEMS IN LOCAL EDUCATIONAL AGENCIES. (D.B.A. 1973 HARVARD UNIVERSITY) 363p.
34/10-A, p. 6186 BLE74-09039

LORTON, PAUL VERNON, JR.
COMPUTER-BASED INSTRUCTION IN SPELLING: AN INVESTIGATION OF OPTIMAL STRATEGIES FOR PRESENTING INSTRUCTIONAL MATERIAL. (PH.D. 1973 STANFORD UNIVERSITY) 63p.
34/06-A, p. 3147 BLE73-30431

LORTZ, JAMES LEROY
DIGITAL-SYSTEM THEORY–A LINEAR APPROACH. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 100p.
35/01-B, p. 237 BLE74-15682

LOSCUTOFF, WALTER V.
MODAL ANALYSIS AND SYNTHESIS OF LINEAR LUMPED PARAMETER SYSTEMS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, BERKELEY) 145p.
29/12-B, p. 4673 BLE69-10331

LOUTREL, PHILIPPE PAUL
A SOLUTION TO THE HIDDEN-LINE PROBLEM FOR COMPUTER-DRAWN POLYHEDRA. (PH.D. 1968 NEW YORK UNIVERSITY) 103p.
29/07-B, p. 2439 BLE69-00583

LOVE, BARBARA J.
COMBATTING RACISM THROUGH TEACHER-TRAINING: THE DOCUMENTATION OF THE DEVELOPMENT OF A COURSE IN SURVIVAL STRATEGIES. (ED.D. 1972 UNIVERSITY OF MASSACHUSETTS) 174p.
33/09-A, p. 5007 BLE73-05246

LOVE, JOHN WALLACE
DEVELOPMENT OF A FLORIDA STATEWIDE AUTOMATED INVENTORY INFORMATION RETRIEVAL SYSTEM FOR PHYSICAL FACILITIES IN EDUCATION. (PH.D. 1971 THE FLORIDA STATE UNIVERSITY) 253p.
32/11-A, p. 6050 BLE72-13533

LOVE, RALPH EDWIN, JR.
COMPUTER SOURCE LANGUAGE OPTIMIZING UTILIZING A VISUAL DISPLAY. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, BERKELEY) 84p.
28/04-B, p. 1512 BLE67-11646

LOVE, WILLIAM PEGRAM
INDIVIDUAL VERSUS PAIRED LEARNING OF AN ABSTRACT ALGEBRA PRESENTED BY COMPUTER ASSISTED INSTRUCTION. (PH.D. 1969 THE FLORIDA STATE UNIVERSITY) 214p.
31/01-A, p. 248 BLE70-11138

LOVELL, ROSS WILLIFORD
AN EVALUATION OF THE APPLICATION OF ELECTRONIC DATA PROCESSING TO PRODUCTION CONTROL. (PH.D. 1962 THE UNIVERSITY OF TEXAS AT AUSTIN) 287p. 23/05, p. 1545 BLE62-04855

LOVINGOOD, JUDSON ALLISON
DYNAMICAL POLYSYSTEMS AS GENERALIZATIONS OF CONTROL SYSTEMS. (PH.D. 1968 THE UNIVERSITY OF ALABAMA) 101p.
29/10-B, p. 3829 BLE69-06552

LOWE, EUGENE HENRY, III
DESIGN OF MODEL REFERENCE ADAPTIVE CONTROL SYSTEMS USING LIAPUNOV THEORY. (PH.D. 1970 GEORGIA INSTITUTE OF TECHNOLOGY) 136p.
31/01-B, p. 201 BLE70-12970

LOWE, THOMAS COBB
DESIGN PRINCIPLES FOR AN ON-LINE INFORMATION RETRIEVAL SYSTEM. (PH.D. 1966 UNIVERSITY OF PENNSYLVANIA) 133p.
27/12-B, p. 4397 BLE67-07688

LOWELL, ROBERT PAUL
AN APPROACH TO THERMAL CONVECTION PROBLEMS IN GEOPHYSICS WITH APPLICATION TO THE EARTH'S MANTLE AND GROUNDWATER SYSTEMS. (PH.D. 1972 OREGON STATE UNIVERSITY) 127p. 32/08-B, p. 4680 BLE72-05096

LOWENTHAL, EUGENE IAN
A FUNCTIONAL APPROACH TO THE DESIGN OF STORAGE STRUCTURES FOR GENERALIZED DATA MANAGEMENT SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 75p.
32/11-B, p. 6344 BLE72-15797

LOWRY, STEPHEN RALPH
FEATURE SELECTION AND DIMENSIONALITY REDUCTION IN PATTERN RECOGNITION ON CHEMICAL DATA. (PH.D. 1975 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 146p.
37/03-B, p. 1207 BLE76-20063

LU, DEBRA HUA
AN EXAMINATION OF THE EX ANTE AND EX POST PREDICTABILITY OF COMPUTER PROGRAMMING TIME ESTIMATION MODELS. (PH.D. 1973 UNIVERSITY OF MINNESOTA) 215p.
34/06-A, p. 2831 BLE73-29417

LU, PAUL HAI-HSING
NUMERICAL STRESS-STRAIN ANALYSIS OF A VISCOELASTIC MINE ROOF. (PH.D. 1967 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 141p.
28/12-B, p. 5049 BLE68-08153

LU, YUNG SHEN
THE DYNAMIC RESPONSE OF A NONLINEAR REACTOR SYSTEM. (PH.D. 1968 UNIVERSITY OF MARYLAND) 104p. 29/11-B, p. 4204 BLE69-08048

LUBOWSKY, JACK
AN INTERACTIVE COMPUTER TECHNIQUE FOR THE STUDY OF BRAIN CELLS OF THE VISUAL SYSTEM. (PH.D. 1973 POLYTECHNIC INSTITUTE OF NEW YORK) 158p. 34/04-B, p. 1520 BLE73-24777

LUCAS, CAROL LEE NOGLE
PULMONARY INPUT IMPEDANCE SPECTRUM OF CHILDREN WITH ATRIAL AND VENTRICULAR SEPTAL DEFECTS: A COMPUTER SIMULATION STUDY BASED ON A THREE SEGMENT TRANSMISSION-LINE MODEL. (PH.D. 1973 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 243p. 34/05-B, p. 2107 BLE73-26204

LUCAS, JAMES A.
A HIGH SPEED DISC MEMORY AND A COLOR IMAGE DISPLAY FOR A SMALL COMPUTER. (PH.D. 1970 UNIVERSITY OF KANSAS) 220p.
31/11-B, p. 6611 BLE71-13331

LUCIANOVIC, WILLIAM MARK
SPECIFYING EXTERNAL INFORMATION REQUIREMENTS FOR A PPBS (PLANNING, PROGRAMMING, BUDGETING SYSTEM) MANAGEMENT INFORMATION SYSTEM. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 248p.
33/09-A, p. 5269 BLE73-06316

LUCIDO, ANTHONY PETER
THE META-T COMPILER-COMPILER. (PH.D. 1974 IOWA STATE UNIVERSITY) 104p.
35/05-B, p. 2139 BLE74-23746

LUCKY, GEORGE WILLIAM
COMPUTER CHARACTERIZATION OF N-PORT NETWORKS. (PH.D. 1965 OKLAHOMA STATE UNIVERSITY) 121p. 27/01-B, p. 178 BLE66-04038

LUDWIN, WILLIAM G.
A GENERAL COMPUTER SIMULATION SYSTEM FOR THE EVALUATION OF AMBULANCE SERVICE. (D.P.A. 1976 STATE UNIVERSITY OF NEW YORK AT ALBANY) 355p. 37/03-A, p. 1790 BLE76-20646

LUEBBERT, WILLIAM FREDERICK
INFORMATION PROCESSING IN LARGE COMMUNICATIONS SYSTEMS: ITS APPLICATION TO DYNAMIC CONTROL AND ROUTING PROBLEMS. (PH.D. 1965 STANFORD UNIVERSITY) 184p.
26/05, p. 2648 BLE65-09448

LUECKE, RICHARD HARRY
ANALYSIS OF OPTIMAL COMPOSITE FEEDBACK-FEEDFORWARD CONTROL. (PH.D. 1966 THE UNIVERSITY OF OKLAHOMA) 224p.
27/04-B, p. 1138 BLE66-09576

LUENBERGER, DAVID GILBERT
DETERMINING THE STATE OF A LINEAR SYSTEM WITH OBSERVERS OF LOW DYNAMIC ORDER. (PH.D. 1963 STANFORD UNIVERSITY) 94p.
24/08, p. 3261 BLE64-01626

LUGTU, RENATO
TRANSIENT STABILITY ANALYSIS OF POWER SYSTEMS USING LIAPUNOV'S SECOND METHOD. (PH.D. 1971 IOWA STATE UNIVERSITY) 96p.
32/03-B, p. 1572 BLE71-21966

LUH, JOHNSON YANG-SENG
AN ANALYSIS OF A SAMPLED-DATA CONTROL SYSTEM CONTAINING PRESCRIBED NATURAL FREQUENCIES HIGHER THAN THE HALF SAMPLING FREQUENCY. (PH.D. 1963 UNIVERSITY OF MINNESOTA) 168p. 25/03, p. 1816 BLE63-07940

LUHKS, RONALD ALLAN
LARGE-SCALE LINEAR PROGRAMMING PROBLEMS: ANALYSIS AND GENERATION. (PH.D. 1972 SOUTHERN METHODIST UNIVERSITY) 208p.
33/12-B, p. 5768 BLE73-14478

LUISI, JAMES ALLEN
THE APPLICATION OF PATTERN RECOGNITION NETWORKS WITH ADAPTIVE ARTIFICIAL NEURONS TO THE DESIGN OF LEARNING CONTROLLERS. (PH.D. 1966 PURDUE UNIVERSITY) 128p.
27/02-B, p. 477 BLE63-07460

LUKAS, MICHAEL PAUL
ON A FUNCTION SPACE APPROACH TO A CLASS OF LINEAR STOCHASTIC OPTIMAL CONTROL PROBLEMS. (PH.D. 1969 PURDUE UNIVERSITY) 187p.
30/04-B, p. 1688 BLE69-17208

LUKES, DAHLARD LAWRENCE
OPTIMAL CLOSED-LOOP CONTROL OF NONLINEAR DYNAMICAL SYSTEMS. (PH.D. 1967 UNIVERSITY OF MINNESOTA) 122p.
28/03-B, p. 1011 BLE67-10426

LUMB, DALE RAYMOND
THEORY OF LINEAR MODULAR FINITE-STATE SYSTEMS. (PH.D. 1962 KANSAS STATE UNIVERSITY) 134p. 23/03, p. 976 BLE62-04484

LUNA, PETER REYNOSO
EVALUATION OF A HIGHER EDUCATION ENTRY PROGRAM FOR LOW-INCOME AND MINORITY STUDENTS AND APPLICATION OF A SYSTEMS APPROACH TO FUTURE PLANNING. (ED.D. 1974 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 319p.
35/08-A, p. 4926 BLE75-01966

LUND, JOHN LEWIS
AN APPLICATION OF THE FLANDERS SYSTEM OF INTERACTION ANALYSIS TO THE NONRELEASED TIME SEMINARY PROGRAM OF THE CHURCH OF JESUS CHRIST OF LATTER-DAY SAINTS TO DETERMINE THE AFFECTIVE SKILLS OF NONPROFESSIONAL TEACHERS. (ED.D. 1972 BRIGHAM YOUNG UNIVERSITY) 143p.
33/05-A, p. 2035 BLE72-28934

LUNDBERG, ENDFRED JON
A PRESCRIPTIVE DESIGN FOR AN INFORMATION SYSTEM TO MONITOR URBAN CHANGE. (PH.D. 1971 UNIVERSITY OF PITTSBURGH) 273p.
33/03-B, p. 1176 BLE72-22703

LUNDE, AMUND
EVALUATION OF INSTRUCTION SET PROCESSOR ARCHITECTURE BY PROGRAM TRACING. (PH.D. 1975 CARNEGIE-MELLON UNIVERSITY) 206p.
36/07-B, p. 3279 BLE75-00924

LUNETTA, VINCENT NORMAN
THE DESIGN AND EVALUATION OF A SERIES OF COMPUTER SIMULATED EXPERIMENTS FOR USE IN HIGH SCHOOL PHYSICS. (PH.D. 1972 THE UNIVERSITY OF CONNECTICUT) 159p.
33/06-A, p. 2785 BLE72-32163

LUNSFORD, GARY HAMILTON
STOCHASTIC BEHAVIOR OF RESONANT, NEARLY-LINEAR OSCILLATOR SYSTEMS FOR ARBITRARILY SMALL NONLINEAR COUPLING. (PH.D. 1972 GEORGIA INSTITUTE OF TECHNOLOGY) 139p.
33/01-B, p. 356 BLE72-19706

LUNTZ, ALAN COOPER
MICROWAVE SPECTRUM AND RING-PUCKERING VIBRATION IN 1,1-DIFLUOROCYCLOBUTANE AND A COMPUTER COUPLED ON-LINE MICROWAVE SPECTROGRAPH. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, BERKELEY) 127p.
29/04-B, p. 1322 BLE68-13935

LUO, SIONG SIU TAN
DISCRETE TIME SERIES SYNTHESIS OF RANDOMLY EXCITED STRUCTURAL SYSTEM RESPONSE. (PH.D. 1970 PURDUE UNIVERSITY) 132p.
31/10-B, p. 5931 BLE71-09434

LUSKIN, BERNARD JAY
AN IDENTIFICATION AND EXAMINATION OF OBSTACLES TO THE DEVELOPMENT OF COMPUTER ASSISTED INSTRUCTION. (ED.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 288p.
31/07-B, p. 3980 BLE71-00656

LUTZ, BERNARD LEWIS
COMPUTER SIMULATION OF SELECTED CURRICULUM CHANGES IN DENTAL EDUCATION. (PH.D. 1973 THE UNIVERSITY OF IOWA) 113p.
34/09-B, p. 4464 BLE74-07397

LUTZ, DONALD ALEXANDER
ON THE CHARACTERIZATION OF SYSTEMS OF LINEAR DIFFERENTIAL EQUATIONS WITH REGULAR-SINGULAR SOLUTIONS. (PH.D. 1965 SYRACUSE UNIVERSITY) 72p. 27/01-B, p. 230 BLE66-06211

LUTZE, FREDERICK HENRY, JR.
OPTIMAL TRAJECTORIES WITH STATE VARIABLE AND CONTROL VARIABLE INEQUALITY CONSTRAINTS. (PH.D. 1967 THE UNIVERSITY OF ARIZONA) 128p. 28/08-B, p. 3256 BLE68-00787

LUUS, REIN
THE STABILITY OF AUTONOMOUS AND NONAUTONOMOUS NONLINEAR SYSTEMS. (PH.D. 1964 PRINCETON UNIVERSITY) 138p.
27/02-B, p. 458 BLE65-04930

LYLE, W. D., JR.
SIGNAL DESIGN FOR A SATELLITE DATA COLLECTION SYSTEM. (PH.D. 1973 PURDUE UNIVERSITY) 129p. 34/09-B, p. 4379 BLE74-05006

LYNCH, ROBERT MICHAEL
A COST EFFECTIVENESS ANALYSIS OF COMPUTER ASSISTED INSTRUCTION. (PH.D. 1971 UNIVERSITY OF NORTHERN COLORADO) 272p.
32/02-A, p. 839 BLE71-20725

LYNCH, ROBERT THOMAS
QUASI-NEWTON METHODS - A NEW CLASS OF METHODS FOR OPTIMAL CONTROL COMPUTATIONS. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 179p.
30/11-B, p. 5049 BLE70-07825

LYNESS, HAROLD JOHN
SYSTEM ENGINEERING ANALYSIS OF A MILITARY BUSINESS. (PH.D. 1971 POLYTECHNIC INSTITUTE OF NEW YORK) 133p. 32/05-B, p. 2660 BLE71-29075

LYNN, LEROY LESTER
NEAR-OPTIMAL FEEDBACK CONTROL OF LINEAR DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1970 CARNEGIE-MELLON UNIVERSITY) 164p.
31/05-B, p. 2654 BLE70-19735

LYON, ROBERT LEE
A DETERMINATION OF THE RELATIVE IMPORTANCE OF TASKS PERFORMED IN SELECTED ENTRY LEVEL DATA-PROCESSING JOBS IN TEXAS WITH CURRICULAR IMPLICATIONS. (PH.D. 1973 TEXAS A&M UNIVERSITY) 118p.
34/07-A, p. 4107 BLE74-01029

LYONS, LUKE PAUL
A STUDY TO DEVELOP A COMPUTER-BASED STATEWIDE, INTEGRATED SYSTEM FOR THE REPORTING OF TEACHER-PERSONNEL DATA. (ED.D. 1972 UNIVERSITY OF HOUSTON) 270p.
33/11-A, p. 6022 BLE73-08926

LYONS, TERRY GREGORY
PROBLEMS OF PROGRAM VALIDATION IN THE CONTEXT OF THE PREDICATE CALCULUS. (PH.D. 1972 PRINCETON UNIVERSITY) 207p.
33/05-B, p. 2024 BLE72-29802

M

MA, JAMES HSIENNE
STRESS ANALYSIS OF COMPLEX SHIP COMPONENTS BY A NUMERICAL PROCEDURE USING CURVED FINITE-ELEMENTS. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 124p.
34/02-B, p. 656 BLE73-17591

MAAS, MINERVA CONSTANCE
AN ANALYSIS OF FROEBEL'S 'PLAY' AND MONTESSORI'S 'WORK' IN TERMS OF THEIR IMPLEMENTATION AS LEARNING TASKS IN THE SYSTEMS VIEW OF EDUCATION. (PH.D. 1971 ST JOHN'S UNIVERSITY) 221p.
32/05-A, p. 2552 BLE71-30206

MACARTHUR, HELEN HARRISON
THE DEVELOPMENT AND VALIDATION OF AN INFORMATION RETRIEVAL INSTRUMENT FOR ELEMENTARY AND SECONDARY EDUCATION ACT, TITLE III, ARIZONA DEPARTMENT OF EDUCATION. (ED.D. 1971 ARIZONA STATE UNIVERSITY) 212p.
32/03-A, p. 1231 BLE71-24404

MACCALLUM, JOHN MALCOLM, JR.
DESCRIBING FUNCTION ANALYSIS FOR NONLINEAR SAMPLED-DATA CONTROL SYSTEMS. (PH.D. 1965 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 95p. 26/05, p. 2849 BLE65-11822

MAC CARTHY, PATRICK
PART I: HUMIC ACID STUDIES. PART II: THE DESIGN AND CONSTRUCTION OF A COMPUTER-INTERFACED, RAPID-SCANNING VIDICON SPECTROMETER. (PH.D. 1975 UNIVERSITY OF CINCINNATI) 383p. 36/09-B, p. 4255 BLE76-05993

MACCRACKEN, MICHAEL CALVIN
ICE AGE THEORY ANALYSIS BY COMPUTER MODEL SIMULATION. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, DAVIS) 202p.
29/12-B, p. 4720 BLE69-08969

MACDONALD, JAMES LEONARD
INVESTIGATION OF PATTERN RECOGNITION TECHNIQUES FOR THE IDENTIFICATION OF SPLITTING SURFACES IN MONTE CARLO PARTICLE TRANSPORT CALCULATIONS. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 320p.
36/10-B, p. 5213 BLE76-08068

MACDONALD, LARRY KEITH
AN EXPLORATORY STUDY OF THE COSTS AND COST IMPLICATIONS IN THE OPERATION OF A MEDLAB TIME-SHARING COMPUTER SYSTEM—A PHYSIOLOGICAL MEASUREMENT FACILITY. (PH.D. 1969 UNIVERSITY OF UTAH) 180p.
30/08-A, p. 3136 BLE70-02459

MAC DONALD, ROBERT DAVID
THE DEVELOPMENT OF A UNIT OF STUDY IN THE PRINCIPLES OF DATA PROCESSING FOR USE IN THE BUSINESS EDUCATION CURRICULUM OF SECONDARY SCHOOLS. (ED.D. 1964 NORTHERN ILLINOIS UNIVERSITY) 287p.
27/08-A, p. 2445 BLE66-09202

MACE, WILLIAM MANLEY
AN INVESTIGATION OF SPATIAL AND KINETIC INFORMATION FOR SEPARATION IN DEPTH USING COMPUTER GENERATED DOT PATTERNS. (PH.D. 1971 UNIVERSITY OF MINNESOTA) 88p.
32/11-B, p. 6687 BLE72-14333

MAC EACHERN, ALEXANDER
A GENERALIZED PROJECTION METHOD FOR SYSTEMS OF NONLINEAR EQUATIONS. (PH.D. 1971 IOWA STATE UNIVERSITY) 68p.
32/04-B, p. 2287 BLE71-26870

MACHADO, NELSON CASTRO
AN ARRAY PROCESSOR WITH A LARGE NUMBER OF PROCESSING ELEMENTS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 183p.
33/01-B, p. 148 BLE72-19873

MACHIRAJU, RAMACHANDRA RAO
EXPONENTIAL REPRESENTATION THEORY FOR LINEAR PHYSICAL SYSTEMS. (PH.D. 1972 OKLAHOMA STATE UNIVERSITY) 90p.
33/12-B, p. 5829 BLE73-15183

MACK, ARTHUR JOHN, JR.
A MODEL FOR A COMPUTER BASED SYSTEM FOR INDIVIDUALLY DIAGNOSED AND PRESCRIBED INSTRUCTION. (PH.D. 1975 WAYNE STATE UNIVERSITY) 199p. 36/11-A, p. 7363 BLE76-10976

MACKEY, DANIEL GLENN
OPTIMIZATION THEORY AND THE SYNTHESIS OF LINEAR SYSTEMS. (PH.D. 1968 THE UNIVERSITY OF TEXAS AT AUSTIN) 124p.
29/02-B, p. 613 BLE68-10861

MACKI, JACK WILLIAM
SINGULAR PERTURBATIONS OF A BOUNDARY-VALUE PROBLEM FOR A SYSTEM OF NONLINEAR DIFFERENTIAL EQUATIONS. (PH.D. 1964 CALIFORNIA INSTITUTE OF TECHNOLOGY) 53p.
25/08, p. 4728 BLE64-09958

MACKINNON, DONALD DUNCAN
OPTIMAL CONTROL OF SYSTEMS WITH PURE TIME DELAYS USING A VARIATIONAL PROGRAMMING APPROACH. (PH.D. 1966 CORNELL UNIVERSITY) 116p. 27/06-B, p. 1926 BLE66-11020

MACLEAN, ROBERT FREDERICK
A COMPARISON OF THREE METHODS OF PRESENTING INSTRUCTION IN INTRODUCTORY MULTIPLICATION TO ELEMENTARY SCHOOL CHILDREN (TOTAL COMPUTER, PARTIAL COMPUTER, AND NON-COMPUTER). (ED.D. 1974 TEMPLE UNIVERSITY) 212p. 35/03-A, p. 1430 BLE74-19758

MACLEOD, MALCOLM DEAN
FIELD-TESTING A PLANNING MODEL FOR SOCIAL ACTION PROGRAMS IN FIVE RURAL-BASED MICHIGAN COMMUNITY COLLEGES. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 185p.
33/05-A, p. 2035 BLE72-29995

MACNAB, ROSS BERNARD JAMES
COMPUTER ANALYSIS OF STOMACH CONTENT, LENGTH-WEIGHT RELATIONSHIP AND GROWTH OF FISH POPULATIONS. (PH.D. 1963 MICHIGAN STATE UNIVERSITY) 249p. 25/01, p. 42 BLE64-04989

MADDEN, HELEN THUNHORST
NONLINEAR REGRESSION MODELS FOR TECHNOLOGICAL FORECASTING WITH APPLICATION TO COMPUTER TECHNOLOGY FORECASTING. (PH.D. 1973 UNION COLLEGE) 282p.
34/06-A, p. 2831 BLE73-30231

MADER, STANLEY CHRISTOPHER, JR.
INVESTMENT VALUATION OF COMPUTER-BASED INFORMATION SYSTEMS. (PH.D. 1973 UNIVERSITY OF PENNSYLVANIA) 215p.
34/04-A, p. 1449 BLE73-24187

MADRIGAL, ORLANDO SIA
THE STRUCTURE OF A GENERALIZED PROGRAMMING LANGUAGE COMPILER. (PH.D. 1972 TEXAS A&M UNIVERSITY) 184p. 33/11-B, p. 5242 BLE73-12271

MADSEN, LARRY CHARLES
HAMILTONIAN FORMALISM APPLIED TO MULTIDIMENSIONAL REACTOR SYSTEMS AND RELATED CONCEPTS. (PH.D. 1968 IOWA STATE UNIVERSITY) 94p. 29/09-B, p. 3340 BLE69-04260

MADSEN, WAYNE ARTHUR
THE SNAP-THROUGH AND POSTBUCKLING-EQUILIBRIUM LOADS OF AXIALLY COMPRESSED CIRCULAR CYLINDRICAL SHELLS AND COMPUTER ALGORITHMS FOR OBTAINING THEM. (PH.D. 1965 STANFORD UNIVERSITY) 181p.
26/07, p. 3798 BLE65-12818

MAEKAWA, MAMORU
AN ANALYSIS OF A MULTIPROGRAMMING SYSTEM WITH OVERLAP WITHIN A JOB. (PH.D. 1973 UNIVERSITY OF MINNESOTA) 132p.
34/11-B, p. 5416 BLE74-10540

MAGEE, MICHAEL JACK
VISUAL PATTERN RECOGNITION USING STRUCTURE, SPATIAL RELATIONSHIPS, VISUAL CONTEXT, AND OTHER PROPERTIES. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 182p.
36/10-B, p. 5143 BLE76-08071

MAGNINO, PETE JOSEPH, JR.
USE OF STATISTICS AND COMPUTERS IN SELECTION OF OPTIMUM FOOD PROCESSING TECHNIQUES. (PH.D. 1966 THE UNIVERSITY OF WISCONSIN - MADISON) 172p. 28/11-B, p. 4612 BLE68-05332

MAGNUSON, WALDO GEORGE, JR.
CIRCUIT CHARACTERIZATION FOR EFFICIENT COMPUTER ANALYSIS. (PH.D. 1966 OREGON STATE UNIVERSITY) 115p. 27/08-B, p. 2712 BLE67-00728

MAGRUDER, DONALD R.
A MODEL FOR THE UTILIZATION OF ELECTRONIC DATA PROCESSING FOR THE RETRIEVAL OF EDUCATIONAL PERSONNEL DATA. (PH.D. 1968 THE FLORIDA STATE UNIVERSITY) 149p.
30/02-A, p. 525 BLE69-13275

MAHAFFEY, ROBERT BRUCE
A COMPUTER METHOD FOR SPECTRAL ANALYSIS OF TIME SERIES IN SPEECH. (PH.D. 1966 THE OHIO STATE UNIVERSITY) 121p.
27/09-A, p. 3146 BLE67-02484

MAHAJAN, VIJAY
COMPUTERS IN HOSPITALS: A DIFFUSION STUDY. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 326p. 36/05-A, p. 2964 BLE75-24909

MAHER, PETER MICHAEL
SOME FACTORS AFFECTING THE ADOPTION OF A MANAGEMENT INNOVATION: AN EXPERIMENT WITH THE USE OF A COMPUTER-BASED PROJECT SELECTION TECHNIQUE IN A RESEARCH AND DEVELOPMENT ORGANIZATION. (PH.D. 1970 NORTHWESTERN UNIVERSITY) 310p.
31/10-A, p. 4966 BLE71-10156

MAHESHWARI, SHACHINDRA NATH
GRAPH-THEORETIC MODELS FOR DIAGNOSIS OF DIGITAL SYSTEMS. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 78p. 35/10-B, p. 4867 BLE75-07960

MAHL, ROBERT
AN ANALYTICAL APPROACH TO COMPUTER SYSTEMS SCHEDULING. (PH.D. 1970 UNIVERSITY OF UTAH) 121p. 31/06-B, p. 3327 BLE70-23826

MAHLER, WILLIAM ARTHUR
EFFECTS OF MANIPULATING INFORMATION RETRIEVAL DURING STUDY ON THE RETENTION OF PAIRED-ASSOCIATES. (PH.D. 1970 STANFORD UNIVERSITY) 71p. 31/11-B, p. 6945 BLE71-12982

MAHONEY, FRANK J., III
THE DESIGN OF EXPERIMENTS FOR REGRESSION ANALYSIS BY COMPUTER SEARCH PROCEDURES. (PH.D. 1970 RENSSELAER POLYTECHNIC INSTITUTE) 258p. 31/08-B, p. 5064 BLE71-03918

MAHONEY, WILLIAM CLEMENT
PROPOSAL, DEVELOPMENT, AND TESTING OF A SYSTEM OF ANALYTICAL TRIANGULATION FOR MEDIUM-SCALE DIGITAL COMPUTERS. (PH.D. 1961 THE OHIO STATE UNIVERSITY) 316p.
22/01, p. 230 BLE61-02836

MAIER, STEVEN FREDERICK
SPANNING TREES IN SPECIALIZED NETWORK FLOW PROBLEMS. (PH.D. 1971 STANFORD UNIVERSITY) 115p. 32/10-B, p. 5736 BLE72-11610

MAITRA, ASHOK PRASAD
DYNAMIC PROGRAMMING FOR COUNTABLE STATE SYSTEMS. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, BERKELEY) 19p. 24/12, p. 5434 BLE64-05260

MAJER, KENNETH STANLEY
A STUDY OF COMPUTER ASSISTED MULTIMEDIA INSTRUCTION AUGMENTED BY RECITATION SESSIONS. (ED.D. 1969 THE FLORIDA STATE UNIVERSITY) 109p. 30/09-A, p. 3641 BLE70-03825

MALAH, DAVID
SYNTHESIS OF LINEAR DISCRETE-TIME-VARYING SYSTEMS. (PH.D. 1971 UNIVERSITY OF MINNESOTA) 199p. 32/05-B, p. 2713 BLE71-28260

MALEK, RIAD GEORGE
DYNAMIC OPTIMIZATION OF A CERTAIN CLASS OF NONLINEAR SYSTEMS. (PH.D. 1971 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 142p.
33/04-B, p. 1565 BLE72-17787

MALINDZAK, GEORGE STEVE, JR.
A DIGITAL COMPUTER ANALYSIS OF SOME TRANSMISSION LINE CHARACTERISTICS OF THE MAMMALIAN ARTERIAL SYSTEM. (PH.D. 1961 THE OHIO STATE UNIVERSITY) 157p.
22/11, p. 4064 BLE62-02150

MALKEMES, LOIS CONSTANCE
AN APPLICATION OF PARSONS' LIGA SCHEME: THE FACULTY-STUDENT SYSTEM OF INTERACTION. (PH.D. 1972 UNIVERSITY OF COLORADO AT BOULDER) 190p. 33/04-A, p. 1652 BLE72-25196

MALLETT, ROBERT HARMON
A MATHEMATICAL PROGRAMMING APPROACH TO NONLINEAR STRUCTURAL ANALYSIS. (PH.D. 1965 CASE WESTERN RESERVE UNIVERSITY) 119p.
27/07-B, p. 2385 BLE66-14311

MALLIK, ARUP KUMAR
THE SCHEDULING OF A SINGLE PROCESSOR UNDER DETERMINISTIC DEMAND FOR SEVERAL PRODUCTS. (PH.D. 1972 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 117p.
33/12-B, p. 5847 BLE73-13114

MALLIOS, WILLIAM STEVE
SOME ASPECTS OF LINEAR REGRESSION SYSTEMS. (PH.D. 1962 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 130p. 23/04, p. 1376 BLE62-03974

MALONE, PATRICK THOMAS
DISCONJUGACY AND OSCILLATION PROPERTIES OF LINEAR DIFFERENTIAL SYSTEMS OVER A B*-ALGEBRA. (PH.D. 1975 UNIVERSITY OF MASSACHUSETTS) 77p.
36/06-B, p. 2854 BLE75-27544

MALONEY, RUTH KAY
AN ANALYSIS OF GROUP PROFILING FOR SDI SYSTEMS IN INDUSTRIAL COMMUNITIES. (PH.D. 1972 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 188p.
32/12-B, p. 7147 BLE72-17863

MALTZ, MICHAEL DAVID
ANALYSIS OF CHATTER IN CONTACTOR CONTROL SYSTEMS, WITH APPLICATIONS TO DUAL-INPUT PLANTS. (PH.D. 1963 STANFORD UNIVERSITY) 114p.
24/06, p. 3251 BLE64-01630

MALY, KURT
A STUDY IN PROGRAMMING TECHNIQUES. (PH.D. 1973 NEW YORK UNIVERSITY) 277p.
34/03-B, p. 1067 BLE73-19946

MAMRAK, SANDRA ANN
COMPARATIVE RESPONSE TIMES OF TIME-SHARING SYSTEMS ON THE ARPA(+ ADVANCE RESEARCH PROJECTS AGENCY) NETWORK. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 143p. 36/05-B, p. 2353 BLE75-24360

MANATT, RICHARD PRICE
CENTRALIZED PROCESSING OF PUPIL PERSONNEL DATA FOR IOWA SCHOOLS. (PH.D. 1964 THE UNIVERSITY OF IOWA) 555p.
25/09, p. 5064 BLE64-11031

MANCUSO, LOUIS CHARLES
A COMPARISON OF LECTURE, CASE STUDY, AND LECTURE-COMPUTER SIMULATION TEACHING METHODOLOGIES IN BROADCAST ECONOMICS. (PH.D. 1974 UNIVERSITY OF SOUTHERN MISSISSIPPI) 283p. 35/10-A, p. 6747 BLE75-09595

MANDAS, JAMES JOHN
SYNTHESIS OF A CONTROL LAW FOR VARIABLE-INCREMENT, MULTISAMPLER, DISCRETE-CONTINUOUS CONTROL SYSTEMS. (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 195p. 32/01-B, p. 296 BLE71-19257

MANDELBAUM, JOSEPH
A STUDY OF THE EFFECTS, ON ACHIEVEMENT AND ATTITUDE, OF THE USE OF THE COMPUTER AS A PROBLEM-SOLVING TOOL WITH LOW PERFORMING TENTH-GRADE STUDENTS. (ED.D. 1973 TEMPLE UNIVERSITY) 105p. 34/07-A, p. 3700 BLE74-01909

MANDELL, STEVEN LESLIE
MULTINATIONAL CORPORATE COMPUTER-BASED INFORMATION SYSTEMS AND THE PARENT-SUBSIDIARY INTERFACE. (D.B.A. 1975 THE GEORGE WASHINGTON UNIVERSITY) 151p. 36/03-A, p. 1650 BLE75-19651

MANDOUR, IBRAHIM ABDEL-RAHMAN
CRITERIA FOR ANALYTICAL DESIGN OF LINEAR CONTROL SYSTEMS. (PH.D. 1964 UNIVERSITY OF PENNSYLVANIA) 138p. 26/04, p. 2108 BLE65-05787

MANEY, THOMAS JOSEPH
THE FEASIBILITY OF IMPLEMENTING A BASIC PLANNING, PROGRAMMING AND BUDGETING SYSTEM WITHIN THE TECHNOLOGIES AND PRE-ENGINEERING, AND BUSINESS INSTRUCTIONAL AREAS OF NICOLET COLLEGE AND TECHNICAL INSTITUTE, WISCONSIN'S PILOT DUAL-TRACK INSTITUTION. (ED.D. 1972 UNIVERSITY OF MINNESOTA) 295p. 33/07-A, p. 3494 BLE73-00990

MANGUNWIDJOJO, AMBYO
A COMPUTER SIMULATION OF MINE AIR SHAFT THERMODYNAMICS. (PH.D. 1970 UNIVERSITY OF MISSOURI - ROLLA) 89p. 32/03-B, p. 1620 BLE71-22373

MANHEIMER, MARTHA L.
THE APPLICABILITY OF THE NASA THESAURUS TO THE FILE OF DOCUMENTS INDEXED PRIOR TO ITS PUBLICATION. (PH.D. 1969 UNIVERSITY OF PITTSBURGH) 205p. 30/12-A, p. 5462 BLE70-10555

MANLEY, JOHN HUGO
A MEASURE OF THE PROBABILITY OF SUCCESS FOR OPERATIONS RESEARCH MANAGEMENT SCIENCE PROJECTS DUE TO CLIENT BEHAVIOR. (PH.D. 1971 UNIVERSITY OF PITTSBURGH) 237p. 32/07-A, p. 3497 BLE72-04242

MANN, RICHARD LEWIS
A STUDY OF THE DEVELOPMENT OF COMPUTER BASED MANAGEMENT INFORMATION SYSTEMS IN INSTITUTIONS OF HIGHER EDUCATION. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 223p. 35/01-A, p. 219 BLE74-14577

MANN, WILLIAM CARLTON
A MEMORY-PROCESS MODEL OF SYMBOLIC ASSIMILATION. (PH.D. 1974 CARNEGIE-MELLON UNIVERSITY) 303p. 35/06-B, p. 2700 BLE74-23347

MANNING, ERIC GEORGE
SELF-DIAGNOSIS OF ELECTRONIC COMPUTERS—AN EXPERIMENTAL STUDY. (PH.D. 1965 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 77p. 26/12, p. 7220 BLE66-04231

MANOCHA, TRILOK
AN ANALYSIS OF THE PERIPHERAL STORAGE SUBSYSTEM OF A COMPUTER SYSTEM. (PH.D. 1975 SYRACUSE UNIVERSITY) 224p. 36/10-B, p. 5143 BLE76-07593

MANSOUR, MOHAMED OMAR
HIERARCHICAL CONTROL OF INTERCONNECTED POWER SYSTEMS. (PH.D. 1975 PURDUE UNIVERSITY) 191p. 36/10-B, p. 5183 BLE76-07100

MANTEUFFEL, THOMAS ALBERT
AN ITERATIVE METHOD FOR SOLVING NONSYMMETRIC LINEAR SYSTEMS WITH DYNAMIC ESTIMATION OF PARAMETERS. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 190p. 36/09-B, p. 4530 BLE76-06864

MANTEY, JOHN PAUL
A COMPUTER-ORIENTED STUDY OF PERFORMANCE FEEDBACK IN SAMPLED-DATA CONTROL SYSTEMS. (PH.D. 1965 STANFORD UNIVERSITY) 112p. 26/01, p. 273 BLE65-06321

MAOLA, JOSEPH F.
A COMPARATIVE ASSESSMENT OF CAREER INFORMATION BETWEEN OWE STUDENTS USING EITHER A COUNSELOR-BASED VS. A COMPUTER-BASED VOCATIONAL INFORMATION SYSTEM. (PH.D. 1974 THE UNIVERSITY OF AKRON) 146p. 35/08-A, p. 5030 BLE75-02289

MAQUSI, MOHAMMAD A. R.
WALSH ANALYSIS OF LINEAR DYADIC-INVARIANT AND INSTANTANEOUS NONLINEAR SYSTEMS. (SC.D. 1973 NEW MEXICO STATE UNIVERSITY) 125p. 34/07-B, p. 3246 BLE73-31577

MARBACH, HERBERT DIEHL
THE OPTIMAL CONTROL OF LINEAR SYSTEMS FOR A MINIMUM CONTROL-EFFORT PERFORMANCE CRITERION. (PH.D. 1963 STANFORD UNIVERSITY) 157p. 24/08, p. 3262 BLE64-01632

MARCEAU, IAN WILLIAM
LINEAR PROGRAMMING FOR INDIVIDUAL FARMS: A CONTRIBUTION TOWARD A COMMERCIALLY APPLICABLE SYSTEM. (PH.D. 1968 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 155p. 29/02-A, p. 374 BLE68-12168

MARCHAL, ANDRE
DATA STRUCTURE TECHNIQUES IN AN IMPLEMENTATION OF APL. (PH.D. 1973 UNIVERSITY OF UTAH) 135p. 34/06-B, p. 2560 BLE73-29394

MARCHAND, SUSAN GORDAN
TOPICS IN ELEMENTARY MATHEMATICS USING COMPUTER-ORIENTED TECHNIQUES. (ED.D. 1974 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 117p. 35/06-B, p. 2887 BLE74-27335

MARCOVITZ, ALAN BERNARD
LINEAR TIME-VARYING DISCRETE SYSTEMS. (PH.D. 1963 COLUMBIA UNIVERSITY) 96p. 26/04-B, p. 1513 BLE65-07495

MARDAM-BEY, OMAR H.
AN OPTIMAL CONTROL APPROACH TO AIRPLANE STABILITY AUGMENTATION SYSTEMS DESIGN. (PH.D. 1973 UNIVERSITY OF KANSAS) 198p. 34/06-B, p. 2622 BLE73-30839

MARIEN, EDWARD JOSEPH
DEVELOPMENT OF A DYNAMIC SIMULATION MODEL FOR PLANNING PHYSICAL DISTRIBUTION SYSTEMS: FORMULATION OF THE COMPUTER MODEL. (PH.D. 1970 MICHIGAN STATE UNIVERSITY) 309p. 32/01-A, p. 23 BLE71-18245

MARKARIAN, HAGOP
NUMERICAL ANALYSIS FOR NETWORK DESIGN. (PH.D. 1955 PURDUE UNIVERSITY) 123p. 15/05, p. 786 BLE00-11643

MARKHAM, JACKIE WALDON
DESIGN AND EVALUATION OF A MODEL COMMUNICATION-SKILLS INSTRUCTIONAL SYSTEM. (PH.D. 1974 THE UNIVERSITY OF NEW MEXICO) 120p. 35/09-A, p. 5784 BLE75-05878

MARKLEY, RICHARD EUGENE
REMOTE COMPUTER TERMINAL FOR AUDIO-VISUAL INFORMATION. (PH.D. 1970 UNIVERSITY OF MISSOURI - COLUMBIA) 282p. 31/10-B, p. 5982 BLE71-08366

MARKOWSKY, JAMES JOSEPH
AN ANALYTICAL MODEL FOR PREDICTING THE PRESSURE AND FLOW TRANSIENTS IN A GASEOUS HYDROGEN - OXYGEN 100 LB(F) THRUST REACTION CONTROL SYSTEM ROCKET SYSTEM. (PH.D. 1971 CORNELL UNIVERSITY) 168p. 32/09-B, p. 5207 BLE72-08966

MARKS, BARBARA GAY
H E R S, AN HISTORICAL EDUCATIONAL RETRIEVAL SYSTEM: A PROTOTYPE FOR AN EDUCATIONAL MANAGEMENT INFORMATION SYSTEM. (ED.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 344p. 31/05-B, p. 2803 BLE70-22811

MARKS, MARTHA ANN
A STUDENT DIRECTED, COMPUTER ASSISTED, PROGRAMMING ENVIRONMENT. (PH.D. 1970 IOWA STATE UNIVERSITY) 79p. 31/06-B, p. 3327 BLE70-25806

MARKSTEIN, PETER WILLY
OPERATING SYSTEM SPECIFICATION USING VERY HIGH LEVEL DICTIONS. (PH.D. 1975 NEW YORK UNIVERSITY) 158p. 36/06-B, p. 2920 BLE75-28566

MARLEAU, RICHARD SEBASTIAN
ANALYSIS OF NONLINEAR FEEDBACK CONTROL SYSTEMS USING METHODS STEMMING FROM THE CALCULUS OF VARIATIONS. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 269p. 28/12-B, p. 5017 BLE68-05334

MARLETT, RALPH ALLAN
ON THE DESIGN AND TESTING OF SELF-DIAGNOSABLE COMPUTERS. (PH.D. 1966 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 68p. 27/11-B, p. 3939 BLE67-06670

MARMARELIS, VASILIS ZISSIS
IDENTIFICATION OF NONLINEAR SYSTEMS THROUGH QUASI-WHITE TEST SIGNALS. (PH.D. 1976 CALIFORNIA INSTITUTE OF TECHNOLOGY) 329p. 36/12-B, p. 6276 BLE76-14249

MARMERELIS, PANAGIOTIS ZISSIS
NONLINEAR DYNAMIC TRANSFER FUNCTIONS FOR CERTAIN RETINAL NEURONAL SYSTEMS. (PH.D. 1972 CALIFORNIA INSTITUTE OF TECHNOLOGY) 277p. 32/12-B, p. 6996 BLE72-17645

MARNEY, OLIVER GUY, JR.
A LIGHTNING MODEL FOR PATTERN RECOGNITION. (PH.D. 1971 OKLAHOMA STATE UNIVERSITY) 152p. 33/02-B, p. 719 BLE72-21940

MAROWITZ, JAY EDWARD
OPTIMUM STOCHASTIC AND DETERMINISTIC CONTROL SYSTEM SYNTHESIS USING QUADRATIC PROGRAMMING. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 170p. 30/06-B, p. 2698 BLE69-21403

MARPLE, MELVYN JAMES
HARDWARE FOR THE CHEMICAL PHYSICS TRILEVEL COMPUTER NETWORK. (D.ENGR. 1974 UNIVERSITY OF KANSAS) 646p. 36/02-B, p. 877 BLE75-17584

MARQUITZ, WILLIAM THOMAS
A METHOD TO IMPROVE THE ANALOG COMPUTER SOLUTION OF LINEAR SYSTEMS. (PH.D. 1967 MICHIGAN STATE UNIVERSITY) 101p. 28/09-B, p. 3709 BLE68-04179

MARR, WILLIAM WEI-YI
HYBRID COMPUTER SOLUTION OF THE ENERGY EQUATIONS IN CONDUCTIVE POROUS MEDIA. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 217p. 30/12-B, p. 5506 BLE69-22437

MARRELLA, LEONARD SEBASTIAN
THE EFFECT OF THE COST/SCHEDULE CONTROL SYSTEMS CRITERIA (C/SCSC) ON CONTRACTOR PLANNING AND CONTROL. (D.B.A. 1973 THE GEORGE WASHINGTON UNIVERSITY) 280p. 34/01-A, p. 15 BLE73-16421

MARSH, BRENT LUTHER
TECHNIQUES FOR DESIGN OF LARGE-SCALE SYSTEMS. (PH.D. 1973 UNIVERSITY OF DELAWARE) 232p. 33/10-B, p. 4835 BLE73-09409

MARSH, JOHN WILLIAM
METHODS AND APPLICATIONS OF THE MEAN-VARIANCE PORTFOLIO SELECTION MODEL. (PH.D. 1974 UNIVERSITY OF MISSOURI - ROLLA) 91p. 36/01-B, p. 328 BLE75-15836

MARSH, JOSEPH DURWARD
SCHEDULING PARALLEL PROCESSORS. (PH.D. 1973 GEORGIA INSTITUTE OF TECHNOLOGY) 179p. 34/04-B, p. 1535 BLE73-22956

MARSLAND, THOMAS ANTHONY
ADAPTIVE COMPUTER PROGRAMS: AN AID IN PROBLEM ANALYSIS. (PH.D. 1967 UNIVERSITY OF WASHINGTON) 137p. 29/01-B, p. 184 BLE68-09306

MARSTEN, RICHARD B.
LOGICAL SYNTHESIS OF COMPUTER CIRCUITS. (PH.D. 1951 UNIVERSITY OF PENNSYLVANIA) 177p. 11/03, p. 624 BLE00-02497

MARSTRANDER, JAN HENNING
LIMIT CYCLE DETERMINATION IN NONLINEAR CONTROL SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF ALABAMA) 69p. 31/07-B, p. 4050 BLE71-01253

MARTENS, HINRICH ROBERT
MATHEMATICAL MODELS FOR THE TIME-DOMAIN ANALYSIS OF HYDRAULIC SYSTEMS. (PH.D. 1962 MICHIGAN STATE UNIVERSITY) 127p. 24/02, p. 673 BLE63-01743

MARTIN, CARRICK ALLEN
TIME-SHARED COMPUTER-ASSISTED INSTRUCTION IN ELEMENTARY ACCOUNTING. (PH.D. 1974 UNIVERSITY OF MINNESOTA) 316p. 35/02-A, p. 656 BLE74-17265

MARTIN, DAVID FREDERIC
VOLUME I. THE AUTOMATIC ASSIGNMENT AND SEQUENCING OF COMPUTATIONS ON PARALLEL PROCESSOR SYSTEMS. VOLUME II. PROGRAM LISTINGS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 546p. 27/01-B, p. 179 BLE66-06812

MARTIN, FREDRICK WILLIAM
THE DESIGN AND EVALUATION OF A COMPUTER-BASED INFORMATION SYSTEM MODEL FOR THE FIELD OF THERAPEUTIC RECREATION SERVICE. (ED.D. 1972 COLUMBIA UNIVERSITY) 126p. 33/03-A, p. 1033 BLE72-23706

MARTIN, JEAN-CLAUDE EDOUARD
OPTIMAL SCANNING CONTROL OF PARABOLIC SYSTEMS. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 72p. 33/01-B, p. 239 BLE72-20459

MARTIN, JEANNE LOUISE
EXCHANGE THEORY AND LEGISLATIVE BEHAVIOR: A COMPUTER SIMULATION OF ROLL-CALL VOTING IN THE UNITED STATES SENATE. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 214p. 32/06-A, p. 3388 BLE71-31259

MARTIN, JOHN FRANCIS PATRICK
ON THE EXPONENTIAL REPRESENTATION OF SOLUTIONS OF SYSTEMS OF LINEAR DIFFERENTIAL EQUATIONS AND AN EXTENSION OF ERUGIN'S THEOREM. (PH.D. 1965 STEVENS INSTITUTE OF TECHNOLOGY) 88p. 26/06, p. 3373 BLE65-12560

MARTIN, NORMAN CHARLES
LINEAR SYSTEM APPROACH TO ROOM ACOUSTICS. (PH.D. 1973 UNIVERSITY OF HOUSTON) 145p. 34/01-B, p. 238 BLE73-15412

MARTIN, PATRICK JOHN
A NON-PROCEDURAL FILE PROCESSING LANGUAGE. (SC.D. 1972 THE GEORGE WASHINGTON UNIVERSITY) 186p. 33/01-B, p. 148 BLE72-18926

MARTIN, QUENTIN WARE
AN OPTIMAL CONTROL ALGORITHM APPLICABLE TO REAL-TIME RIVER BASIN MANAGEMENT. (PH.D. 1974 THE UNIVERSITY OF TEXAS AT AUSTIN) 234p. 35/01-B, p. 288 BLE74-14732

MARTIN, RAYMOND PAUL, JR.
STEADY-STATE FLUIDICS: COMPUTER-AIDED ANALYSIS OF ANALOG FLUIDIC CIRCUITS BY USE OF EXPERIMENTALLY DETERMINED CHARACTERISTIC CURVES. (PH.D. 1976 BRIGHAM YOUNG UNIVERSITY) 171p. 37/01-B, p. 411 BLE76-16303

MARTIN-VEGA, LOUIS ANTHONY
OPTIMAL RULES AND ALGORITHMS FOR SOME PARALLEL PROCESSOR SCHEDULING PROBLEMS. (PH.D. 1975 THE UNIVERSITY OF FLORIDA) 191p. 36/05-B, p. 2406 BLE75-23903

MARTZ, THEODORE MICHAEL
THE DEVELOPMENT AND IMPLEMENTATION OF A GENERAL MODEL FOR AN ON-LINE BASIC COMPUTER-MANAGED INSTRUCTIONAL SYSTEM. (PH.D. 1974 UNIVERSITY OF WYOMING) 225p. 35/06-A, p. 3396 BLE74-23699

MARUSCHOCK, GEORGE JOHN
MULTILEVEL EXTREMAL CONTROL IN CONTINUOUS AND DISCRETE SYSTEMS. (PH.D. 1969 UNIVERSITY OF PITTSBURGH) 286p. 31/03-B, p. 1280 BLE70-16361

MARVEL, ORIN EDWARD
TRANSFORMATRIX - AN IMAGE PROCESSOR, INPUT AND STOCHASTIC PROCESSOR SECTIONS. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 139p. 31/09-B, p. 5368 BLE71-06171

MARZEC, RICHARD PETER
ON THE DESIGN AND ANALYSIS OF DISCRETE-TIME SATURATING STOCHASTIC CONTROL SYSTEMS BY THE USE OF STATISTICAL LINEARIZATION. (PH.D. 1969 STEVENS INSTITUTE OF TECHNOLOGY) 406p. 30/07-B, p. 3182 BLE69-21297

MASENTEN, WESLEY KENT
POLYNOMIAL ESTIMATORS FOR TIME-DISCRETE SYSTEMS IN HILBERT SPACE. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, IRVINE) 108p. 32/06-B, p. 3360 BLE72-02245

MASHEY, JOHN RUSSELL
SEMANTIC ERROR DETECTION IN PROGRAMMING LANGUAGES. (PH.D. 1974 THE PENNSYLVANIA STATE UNIVERSITY) 198p. 35/06-B, p. 2700 BLE74-28971

MASLOWSKI, RAYMOND MARION
THE APPLICATION OF AN AUTOMATIC DATA PROCESSING SYSTEM ON PUPIL PERSONNEL AND GUIDANCE SERVICES. (PH.D. 1968 THE CATHOLIC UNIVERSITY OF AMERICA) 257p. 29/11-A, p. 3833 BLE69-08910

MASON, CHARLES EDWIN, III
COMPARISON OF TWO RESPONSE MODES IN COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1974 THE UNIVERSITY OF IOWA) 89p. 36/01-A, p. 241 BLE75-13769

MASSEY, ROMEO M.
THE APPLICATION OF A SYSTEMS MODEL OF INSTRUCTIONAL DESIGN TO THE DEVELOPMENT OF INSERVICE TRAINING MATERIALS FOR PROFESSIONAL EDUCATORS. (PH.D. 1975 THE FLORIDA STATE UNIVERSITY) 193p. 36/08-A, p. 4995 BLE76-02674

MASTANDREA, MARK ANTHONY
APPLICATION OF SYSTEMS ANALYSIS TO THE CARE OF PATIENTS WITH ACUTE MYOCARDIAL INFARCTION. (PH.D. 1971 MARQUETTE UNIVERSITY) 284p. 33/01-B, p. 166 BLE72-20395

MASTEN, MICHAEL KEITH
DESIGN OF ADAPTIVE CONTROL SYSTEMS THROUGH UTILIZATION OF SENSITIVITY CONCEPTS. (PH.D. 1968 THE UNIVERSITY OF TEXAS AT AUSTIN) 133p. 29/02-B, p. 613 BLE68-10863

MASTERS, GEORGE WINDSOR, JR.
SEQUENTIAL STATE AND PARAMETER ESTIMATION IN DISCRETE NONLINEAR SYSTEMS. (PH.D. 1966 THE UNIVERSITY OF FLORIDA) 148p. 27/10-B, p. 3519 BLE67-03463

MASTERSON, SHARON A.
A COMPENTENCE-CONTROL THEORY OF RIGIDITY. (PH.D. 1971 UNIVERSITY OF NEVADA, RENO) 88p. 32/08-B, p. 4864 BLE72-07712

MATHER, GARY DOUGLAS
MODAL DESIGN OF A COUPLED MULTIVARIABLE SYSTEM. (DR.ENG. 1970 RENSSELAER POLYTECHNIC INSTITUTE) 106p. 31/08-B, p. 4740 **BLE71-03919**

MATHEWS, STEPHEN BARSTOW
THE ECONOMIC CONSEQUENCES OF FORECASTING SOCKEYE SALMON (ONCORHYNCHUS NERKA, WALBAUM) RUNS TO BRISTOL BAY, ALASKA. A COMPUTER SIMULATION STUDY OF THE POTENTIAL BENEFITS TO A SALMON CANNING INDUSTRY FROM ACCURATE FORECASTS OF THE RUNS. (PH.D. 1967 UNIVERSITY OF WASHINGTON) 255p. 28/02-A, p. 360 **BLE67-09915**

MATHEWS, WALTER MICHAEL
THE DESIGN, DEVELOPMENT, AND EVALUATION OF COMPUTER-GENERATED VERBAL TESTING REPORTS FOR STANDARDIZED ACHIEVEMENT TESTS. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 213p. 32/06-A, p. 3033 **BLE71-24472**

MATHIS, BETTY ANN
TECHNIQUES FOR THE EVALUATION AND IMPROVEMENT OF COMPUTER-PRODUCED ABSTRACTS. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 276p. 33/11-B, p. 5376 **BLE73-11535**

MATHUR, FRANCIS PARKASH
RELIABILITY MODELING AND ARCHITECTURE OF ULTRA-RELIABLE FAULT-TOLERANT DIGITAL COMPUTERS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 383p. 31/07-B, p. 3981 **BLE71-00662**

MATLOCK, LINDA TIFFT
A TEMPERATURE, GRAVITY, AND METAL ABUNDANCE CALIBRATION OF THE UVBY PHOTOMETRIC SYSTEM AND ITS APPLICATION TO BLUE HORIZONTAL-BRANCH STARS. (PH.D. 1974 STATE UNIVERSITY OF NEW YORK AT ALBANY) 221p. 35/07-B, p. 3148 **BLE75-01566**

MATLUK, MARIO MAGIDIN
THEORY OF LINEAR SEQUENTIAL CIRCUITS OVER RINGS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, BERKELEY) 89p. 31/12-B, p. 7238 **BLE71-15834**

MATNEY, ROY MILLER, II
PARALLEL COMPUTING STRUCTURES AND ALGORITHMS FOR LOGIC DESIGN PROBLEMS. (PH.D. 1969 THE UNIVERSITY OF TEXAS AT AUSTIN) 123p. 30/12-B, p. 5499 **BLE70-10831**

MATOVICH, MICHAEL
THE USE OF COMPUTERS IN THE INSTRUCTIONAL PROCESS IN ELEMENTARY AND SECONDARY SCHOOLS. (ED.D. 1973 INDIANA UNIVERSITY) 675p. 34/08-A, p. 4706 **BLE74-02594**

MATSON, LESLIE EMMET, JR.
BASIC THEORY OF SURVEILLANCE SYSTEM DECISION PROCESSORS. (PH.D. 1961 UNIVERSITY OF PENNSYLVANIA) 127p. 22/04, p. 1114 **BLE61-03574**

MATTHEWS, JOHN PHILIP
AN ALGORITHM FOR A CLASS OF STOCHASTIC LINEAR PROGRAMMING PROBLEMS. (PH.D. 1971 NORTHWESTERN UNIVERSITY) 83p. 32/09-B, p. 5142 **BLE72-07819**

MATTHEYSES, ROBERT MARCEL
OPTIMAL SCHEDULING OF TASKS ON MULTIPROCESSOR SYSTEMS. (PH.D. 1976 CLARKSON COLLEGE OF TECHNOLOGY) 54p. 37/04-B, p. 1777 **BLE76-22490**

MATTSON, RICHARD LEWIS
THE ANALYSIS AND SYNTHESIS OF ADAPTIVE SYSTEMS WHICH USE NETWORKS OF THRESHOLD ELEMENTS. (PH.D. 1962 STANFORD UNIVERSITY) 135p. 23/06, p. 2062 **BLE62-05496**

MATYAS, STEPHEN MICHAEL
A COMPUTER ORIENTED CRYPTANALYTIC SOLUTION FOR MULTIPLE SUBSTITUTION ENCIPHERING SYSTEMS. (PH.D. 1974 THE UNIVERSITY OF IOWA) 227p. 36/01-B, p. 328 **BLE75-13791**

MAULDIN, CHARLES RAYMOND
A SUBJECTIVE SYSTEMS APPROACH: APPLICATION OF AN IMAGE STUDY TO AGGREGATE BEHAVIOR IN A SOCIO-ECONOMIC SYSTEM. (PH.D. 1972 UNIVERSITY OF MISSOURI - COLUMBIA) 300p. 34/05-A, p. 2543 **BLE73-21457**

MAULTSBY, PORTIA KATRENIA
AFRO-AMERICAN RELIGIOUS MUSIC: 1619-1861. PART I - HISTORICAL DEVELOPMENT. PART II - COMPUTER ANALYSIS OF ONE HUNDRED SPIRITUALS. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 460p. 35/11-A, p. 7343 **BLE75-07597**

MAURER, HAROLD EUGENE
AN APPROACH TO THE DESIGN OF RELIABLE RADIATION HARDENED INTEGRATED LOGIC AND SEQUENTIAL CIRCUITS. (PH.D. 1965 PURDUE UNIVERSITY) 212p. 27/01-B, p. 179 **BLE66-05287**

MAVRIDES, CYNTHIA MARY
FEATURE-TESTING AND INFORMATION PROCESSING MODELS OF PERCEPTION: PREDICTIVE UTILITY UNDER VARYING TASK DEMANDS. (PH.D. 1969 PURDUE UNIVERSITY) 110p. 30/04-B, p. 1926 **BLE69-17215**

MAXFIELD, ROBERT ROY
TECHNIQUES FOR COMPUTING OPTIMAL CONTROLS FOR LINEAR SYSTEMS WITH INEQUALITY CONSTRAINTS. (PH.D. 1969 STANFORD UNIVERSITY) 141p. 30/05-B, p. 2180 **BLE69-17442**

MAXWELL, DONALD ALLAN
NGI SYSTEMS DESIGN. (PH.D. 1968 TEXAS A&M UNIVERSITY) 104p. 29/10-B, p. 3735 **BLE69-05140**

MAY, DROR
COMPUTER-AIDED SYNTHESIS OF CHEMICAL REACTION ROUTES BY MEANS OF SOLVAY CLUSTERS. (PH.D. 1976 THE UNIVERSITY OF WISCONSIN - MADISON) 114p. 37/02-B, p. 879 **BLE76-18001**

MAY, LAWRENCE EDWARD
PERTURBATION PROBLEMS IN FULLY NONLINEAR SYSTEMS. (PH.D. 1969 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 41p. 30/11-B, p. 5142 **BLE70-09201**

MAY, PHILLIP THEODORE, JR.
THE ACCOUNTANT AND ELECTRONIC DATA PROCESSING: A STUDY OF THE NEED FOR THE INTEGRATION OF ELECTRONIC DATA PROCESSING IN THE ACCOUNTING CURRICULUM. (PH.D. 1967 THE UNIVERSITY OF WISCONSIN - MADISON) 311p. 28/02-A, p. 380 **BLE67-04952**

MAY, RALPH DEWEL
A SYSTEMS MODEL OF THE CATTLE ECONOMY-A GUYANA APPLICATION. (PH.D. 1975 PURDUE UNIVERSITY) 359p. 37/03-A, p. 1692 **BLE76-20389**

MAYBACH, RICHARD LEE
THE SOLUTION OF OPTIMAL CONTROL PROBLEMS ON AN ITERATIVE HYBRID COMPUTER. (PH.D. 1967 THE UNIVERSITY OF ARIZONA) 172p. 27/12-B, p. 4398 **BLE67-06940**

MAYER, DANIEL J.
SOME ASPECTS OF CLOSED-LOOP TRAFFIC-SIGNAL CONTROL SYSTEMS. (PH.D. 1975 POLYTECHNIC INSTITUTE OF NEW YORK) 163p. 36/04-B, p. 1889 **BLE75-21383**

MAYER, HERBERT CARLETON, JR.
THE DESIGN OF A COMPUTER BASED INSTRUCTIONAL SYSTEM USING DECISION TABLES. (PH.D. 1975 UNIVERSITY OF SOUTHERN CALIFORNIA) 109p. 36/01-A, p. 241 **BLE75-15550**

MAYER DE BERNCASTLE, CHARLES STEVEN
MANAGERIAL DECISION-MAKING IN FIELD INTERVIEWING: A COMPUTER SIMULATION MODEL. (PH.D. 1962 THE UNIVERSITY OF MICHIGAN) 127p. 23/04, p. 1219 **BLE62-05321**

MAYFIELD, WALTER DAVID, JR.
A COMPUTER SIMULATION OF THE DISTRIBUTION OF TAX DOLLARS THROUGH SELECTED FUNDING MODELS TO SCHOOL DISTRICTS IN GEORGIA. (PH.D. 1973 GEORGIA STATE UNIVERSITY) 415p. 34/09-A, p. 5535 **BLE73-28751**

MAYFIELD, WILLIAM WADE
NONLINEAR SYSTEM ANALYSIS BY FOKKER-PLANCK TECHNIQUES WITH APPLICATIONS TO FREQUENCY MODULATION TRACKING. (PH.D. 1970 UNIVERSITY OF SOUTHERN CALIFORNIA) 162p. 31/07-B, p. 4051 **BLE71-02530**

MAYNE, JOHN WINSTON, JR.
ON THE LOCATION AND DESIGN OF CONSUMER-SERVING URBAN SYSTEMS. (PH.D. 1973 NORTHWESTERN UNIVERSITY) 379p. 34/10-B, p. 5106 **BLE74-07782**

MAYO, CHARLES WILBUR
SPECTRAL AND CORRELATION ANALYSIS FOR MALFUNCTION DIAGNOSIS IN A NUCLEAR POWER SYSTEM. (PH.D. 1974 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 213p. 35/11-B, p. 5460 **BLE75-10413**

MAZER, WILLIAM M.
SPECIFICATION OF THE LINEAR FEEDBACK SYSTEM SENSITIVITY FUNCTION ON THE BASIS OF A MINIMUM MEAN SQUARE ERROR CRITERION. (D.E.E. 1958 POLYTECHNIC INSTITUTE OF NEW YORK) 81p. 19/03, p. 502 **BLE58-02872**

MAZLACK, LAWRENCE JOSEPH
AN INVESTIGATION OF COMPUTER GENERATED CROSSWORD PUZZLE TECHNIQUES. (SC.D. 1972 WASHINGTON UNIVERSITY) 291p. 33/11-B, p. 5242 **BLE73-11818**

MAZZA, JOSEPH MICHAEL
A GENERAL SYSTEMS ANALYSIS OF AN ORGANIZATIONAL COMMUNICATION CLIMATE. (PH.D. 1975 UNIVERSITY OF MISSOURI - COLUMBIA) 260p. 36/10-A, p. 6367 **BLE76-07520**

MCALLISTER, ADDAMS STRATTON
TRANSIENT ANALYSIS OF NONLINEAR FEEDBACK CONTROL SYSTEMS EMPLOYING A LINEARIZING APPROXIMATION FOR THE NONLINEAR ELEMENTS. (PH.D. 1961 CORNELL UNIVERSITY) 134p. 22/10, p. 3584 **BLE61-06679**

MCALPINE, WILLIAM ELLIOT, JR.
INFORMATION PROCESSING, SOCIAL ENERGETICS AND POLITICS. (PH.D. 1973 UNIVERSITY OF PENNSYLVANIA) 424p. 34/04-A, p. 1985 **BLE73-24182**

MCANDREW, THOMAS V.
A COMPUTER-SIMULATED MODEL OF VISUAL SIGNAL PROCESSING. (PH.D. 1972 THE UNIVERSITY OF CONNECTICUT) 127p. 33/06-B, p. 2557 **BLE72-32232**

MCANULTY, MICHAEL ALEXANDER
COMPUTER-AIDED PROCESSING OF CORONARY ARTERIAL-TREE CINEARTERIOGRAMS. (PH.D. 1973 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 134p. 34/05-B, p. 1975 **BLE73-26208**

MCBRIDE, LAURENCE CHARLES
LARGE-SIGNAL MODELING OF BIPOLAR TRANSISTORS FOR COMPUTER-AIDED CIRCUIT ANALYSIS. (PH.D. 1971 STANFORD UNIVERSITY) 119p. 32/10-B, p. 5798 **BLE72-11604**

MCCALLUM, DANIEL BRUCE
STOCHASTIC CONTROL THEORY AND APPLICATIONS. (PH.D. 1971 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 139p. 32/07-B, p. 4287 **BLE72-04128**

MCCARTHY, EDMOND ROBERT
TIME-SHARING ANALYSIS COMBINING PROCESSOR SCHEDULING AND MEMORY RESOURCES. (PH.D. 1974 TEXAS A&M UNIVERSITY) 158p. 35/04-B, p. 1616 **BLE74-21210**

MCCAULEY, EDWIN JOHN, III
A MODEL FOR DATA SECURE SYSTEMS. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 255p. 36/03-B, p. 1314 **BLE75-19469**

MCCLAIN, DONALD HENRY
DEVELOPMENT OF A COMPUTER-ASSISTED INSTRUCTION UNIT IN PROBABILITY. (PH.D. 1970 IOWA STATE UNIVERSITY) 242p. 31/09-B, p. 5310 **BLE71-07305**

MCCLAIN, GEORGE ALBERT
OPTIMAL DESIGN OF CENTRAL PROCESSOR DATA PATHS. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 329p. 33/05-B, p. 2082 **BLE72-29144**

MCCLAIN, WILLIAM JAMES
AN INVESTIGATION OF THE USE OF A DIGITAL COMPUTER FOR PROCESSING RADIOISOTOPE SCAN DATA. (PH.D. 1969 THE UNIVERSITY OF TENNESSEE) 221p. 31/04-B, p. 1969 **BLE70-17835**

MC CLELLAN, MICHAEL TERENCE
ALGORITHMS FOR EXACT SOLUTION OF SYSTEMS OF LINEAR EQUATIONS WITH POLYNOMIAL COEFFICIENTS. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 266p. 32/10-B, p. 5736 **BLE72-02646**

MCCLINTOCK, CHARLES CAMPBELL
INFORMATION COMPONENTS OF CAUSAL ATTRIBUTION PROCESSES: AN ANALYSIS OF KELLEY'S MODEL. (PH.D. 1975 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 153p. 36/03-B, p. 1510 **BLE75-18822**

MCCLISH, ROBERT DANIEL
A METHOD FOR QUANTITATIVE MORPHOLOGIC COMPUTER ANALYSIS OF TISSUES APPLIED TO THE ISLETS OF LANGERHANS IN THE AVIAN PANCREAS. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 126p. 34/08-B, p. 3595 **BLE74-03249**

MCCLOSKEY, TERESEMARIE
ABSTRACT FAMILIES OF LENGTH-PRESERVING PROCESSORS. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 74p. 32/12-B, p. 7175 **BLE72-18713**

MCCLURE, CARMA LEE
FORMALIZATION AND APPLICATION OF STRUCTURED PROGRAMMING AND PROGRAM COMPLEXITY. (PH.D. 1976 ILLINOIS INSTITUTE OF TECHNOLOGY) 302p. 37/04-B, p. 1777 **BLE76-23494**

MCCLURE, RICHARD HAROLD
AN ALGORITHM FOR THE ALL-INTEGER INTEGER PROGRAMMING PROBLEM. (PH.D. 1974 UNIVERSITY OF CINCINNATI) 138p. 35/01-B, p. 377 **BLE74-12335**

MCCOACH, CHARLES H.
DEVELOPMENT OF PROCEDURES FOR CREATING AND MAINTAINING A COMPUTERIZED FACULTY DATA FILE FOR A MAJOR EDUCATIONAL INSTITUTION. (ED.D. 1971 UNIVERSITY OF ARKANSAS) 123p. 32/05-A, p. 2357 **BLE71-27678**

MCCOMB, HARRY FRANK
A FUNCTIONAL ANALYSIS, COMPARISON AND EVALUATION OF MANUAL AND COMPUTER PROCEDURES FOR PROCESSING ACCREDITATION DATA IN THE FLORIDA PUBLIC SCHOOLS. (ED.D. 1963 THE FLORIDA STATE UNIVERSITY) 160p. 25/01, p. 241 **BLE64-07582**

MCCONAUGHY, DAVID HARLAN
THE ROLE OF AUTOMATIC DATA PROCESSING IN INVENTORY MANAGEMENT IN SELECTED LARGE DEPARTMENT STORES. (PH.D. 1965 THE OHIO STATE UNIVERSITY) 209p. 27/02-A, p. 302 **BLE66-06281**

MCCONOCHIE, JEAN ALICE
SIMPLICITY AND COMPLEXITY IN SCIENTIFIC WRITING: A COMPUTER STUDY OF ENGINEERING TEXTBOOKS. (ED.D. 1969 COLUMBIA UNIVERSITY) 203p. 31/01-A, p. 378 **BLE70-12561**

MCCOOL, KENNETH BLAND
THE DEVELOPMENT AND VALIDATION OF A COMPUTER-AIDED INSTRUCTIONAL PROGRAM IN MATHEMATICS FOR BUSINESS AND ECONOMICS MAJORS. (PH.D. 1973 NORTH TEXAS STATE UNIVERSITY) 173p. 34/08-A, p. 4990 **BLE74-04050**

MCCRACKEN, THEODORE ARDEN
A SYSTEMS ANALYSIS FOR THE TRANSPORT OF OXYGEN AND THE SIMULTANEOUS TRANSPORT OF OXYGEN, CARBON DIOXIDE, AND GLUCOSE IN THE CAPILLARIES AND TISSUE OF THE HUMAN BRAIN. (PH.D. 1971 CLEMSON UNIVERSITY) 207p. 32/07-B, p. 3909 **BLE72-05029**

MCCREERY, THOMAS ALLAN
A COMPUTER METHOD FOR THE APPROXIMATE SOLUTION OF TWO-DIMENSIONAL ELASTOSTATIC PROBLEMS BY CONFORMAL MAPPING. (PH.D. 1961 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 77p. 22/05, p. 1565 **BLE61-04346**

MCCUEN, RICHARD HAMILTON
SENSITIVITY ANALYSIS OF THE SYSTEM RESPONSE FUNCTIONS OF LINEAR HYDROLOGIC MODELS. (PH.D. 1971 GEORGIA INSTITUTE OF TECHNOLOGY) 203p. 32/02-B, p. 922 **BLE71-20364**

MCCULLOCH, WILLIAM HENRY
THERMODYNAMIC ANALYSIS OF AN INTERFACIAL SYSTEM. (PH.D. 1968 TEXAS TECH UNIVERSITY) 209p. 29/06-B, p. 2054 **BLE68-17549**

MCCURDY, CAROL F.
THE DEVELOPMENT OF A COMPUTER-ASSISTED INSTRUCTION PROGRAM (ON THE DELPHI TECHNIQUE) USING INSTRUCTIONAL DIALOGUE FACILITY AUTHOR LANGUAGE. (PH.D. 1975 THE UNIVERSITY OF IOWA) 152p. 36/08-A, p. 4873 **BLE76-02151**

MCCUSKEY, WILLIAM ANDREW
TOWARD THE AUTOMATIC DESIGN OF DATA ORGANIZATION FOR LARGE-SCALE INFORMATION PROCESSING SYSTEMS. (PH.D. 1969 CASE WESTERN RESERVE UNIVERSITY) 206p. 30/09-B, p. 4262 **BLE70-05119**

MCDANIEL, WILLIE LEE, JR.
THE X-TRANSFORM AND ITS USE IN SAMPLED-DATA SYSTEM ANALYSIS. (PH.D. 1965 AUBURN UNIVERSITY) 156p. 26/09, p. 5340 **BLE65-13900**

MCDEARMAN, JON ROBERT
DIGITAL COMPUTER SIMULATION OF HIGH-TEMPERATURE THERMOCOUPLES SUBJECT TO INSULATOR SHUNTING ERRORS. (PH.D. 1974 THE UNIVERSITY OF TENNESSEE) 164p. 35/08-B, p. 3915 **BLE75-03622**

MCDERMOT, RICHARD FREDERICK
A COMPUTER METHOD FOR THE FACTORIZATION OF POLYNOMIALS OVER THE INTEGERS. (PH.D. 1970 CARNEGIE-MELLON UNIVERSITY) 114p. 31/01-B, p. 290 **BLE70-12432**

MCDONALD, DONALD
A NUMERICAL ANALYSIS OF THE DYNAMIC RESPONSE OF THIN ELASTIC SPHERICAL SHELLS. (PH.D. 1959 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 84p. 20/08, p. 3238 **BLE60-00212**

MCDONALD, JOHN PATRICK
COMPUTER-AIDED DESIGN AND ANALYSIS OF MULTIVARIABLE PROCESS CONTROLS WITH APPLICATION TO A BOILER-TURBINE-GENERATOR SYSTEM. (PH.D. 1972 DREXEL UNIVERSITY) 217p. 33/04-B, p. 1508 **BLE72-24281**

MCDONALD, NANCY HARRIET
CUPID: A GRAPHICS ORIENTED FACILITY FOR SUPPORT OF NON-PROGRAMMER INTERACTIONS WITH A DATA BASE. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 178p. 37/01-B, p. 338 **BLE76-15298**

MCDONALD, RICHARD JACOBS
ADMINISTRATIVE USES OF ELECTRONIC DATA PROCESSING IN PUBLIC SCHOOLS. (ED.D. 1963 COLUMBIA UNIVERSITY) 173p. 24/07, p. 2759 **BLE64-01469**

MCDONALD, THOMAS EDWIN, JR.
SYNTHESIS PROCEDURE FOR LINEAR TIME-VARYING FEEDBACK SYSTEMS WITH LARGE PARAMETER IGNORANCE. (PH.D. 1972 UNIVERSITY OF COLORADO AT BOULDER) 314p. 33/04-B, p. 1552 **BLE72-26199**

MCFERRAN, JAMES BRADY
FEATURE EXTRACTION IN PATTERN RECOGNITION. (PH.D. 1970 PURDUE UNIVERSITY) 271p. 31/10-B, p. 5982 BLE71-09438

MCGHEE, ROBERT BROWN
IDENTIFICATION OF NONLINEAR DYNAMIC SYSTEMS BY REGRESSION ANALYSIS METHODS. (PH.D. 1963 UNIVERSITY OF SOUTHERN CALIFORNIA) 224p. 24/08, p. 3263 BLE64-02566

MCGILL, JAMES TERRY
OPTIMAL CONTROL OF QUEUEING SYSTEMS WITH VARIABLE NUMBER OF EXPONENTIAL SERVERS. (PH.D. 1969 STANFORD UNIVERSITY) 234p. 30/12-B, p. 5464 BLE70-10464

MCGILL, MICHAEL JOHN
APPLICATIONS OF NETWORKS OF DYNAMICALLY CHANGING AUTOMATA TO THE STUDY OF HUMAN COMMUNICATION BEHAVIOR. (PH.D. 1973 SYRACUSE UNIVERSITY) 187p. 34/10-B, p. 4914 BLE74-08286

MCGLOTHIN, GERALD EDWARD
A STATE SPACE THEORY OF LINEAR DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1969 ARIZONA STATE UNIVERSITY) 220p. 30/09-B, p. 4135 BLE70-04873

MCGOLDRICK, BERNARD EMMETT
FRAMEWORK FOR A UNIFIED POLITICAL SCIENCE: A STUDY IN THE METHOD OF SYSTEMS ANALYSIS IN RELATION TO THE METHOD OF METAPHYSICS AS A SCIENCE. (PH.D. 1971 GEORGETOWN UNIVERSITY) 297p. 32/10-A, p. 5857 BLE72-12682

MC GOVERN, JAMES JOSEPH
A STUDY OF FACULTY DATA NEEDED FOR MANAGEMENT CONTROL AND PROGRAM BUDGETING: A DELPHI SYSTEMS ANALYSIS. (PH.D. 1973 NEW YORK UNIVERSITY) 213p. 34/12-A, p. 7552 BLE74-12646

MCGRATH, RICHARD JAMES
AN ANALYTIC AND SIMULATOR STUDY OF AN ADAPTIVE CONTROL SYSTEM. (PH.D. 1960 THE UNIVERSITY OF WISCONSIN - MADISON) 89p. 21/03, p. 572 BLE60-03231

MCGREGOR, PATRICK VANCE
LOAD SHARING IN A COMPUTER NETWORK. (PH.D. 1974 POLYTECHNIC INSTITUTE OF NEW YORK) 332p. 35/04-B, p. 1668 BLE74-22486

MCGUIRE, STERLING WENSON
SCANNING PROCEDURES FOR NONLINEAR MATHEMATICAL PROGRAMMING: LOW-DIMENSIONAL NON-CONVEX PROBLEMS. (PH.D. 1968 TEXAS A&M UNIVERSITY) 73p. 29/12-B, p. 4887 BLE69-08492

MCGURN, TERENCE JAMES
THE IDENTIFICATION OF A CLASS OF LINEAR SYSTEMS FOR WHICH SOME A PRIORI KNOWLEDGE IS AVAILABLE. (PH.D. 1969 STEVENS INSTITUTE OF TECHNOLOGY) 99p. 30/06-B, p. 2699 BLE69-21296

MCINTOSH, DUNCAN MOOERS
OPTIMUM CONTROL OF DISTRIBUTED PARAMETER SYSTEMS WITH TWO INDEPENDENT VARIABLES. (PH.D. 1970 THE UNIVERSITY OF ARIZONA) 141p. 31/03-B, p. 1405 BLE70-13731

MCINTOSH, WILLIAM ALEXANDER
A STUDY OF RELATIONSHIPS BETWEEN SELECTED PERSONAL CHARACTERISTICS AND COMPUTER ASSISTED INSTRUCTION. (ED.D. 1969 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 127p. 30/04-A, p. 1339 BLE69-16623

MCKAY, MICHAEL DARRELL
AN OPERATIONAL APPROACH TO AUTOMATED TANKER SCHEDULING BY COMPUTER. (PH.D. 1972 TEXAS A&M UNIVERSITY) 70p. 33/03-B, p. 1319 BLE72-24316

MCKEE, JAMES WILLIAM
COMPUTER RECOGNITION OF PARTIAL VIEWS OF THREE-DIMENSIONAL CURVED OBJECTS. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 132p. 36/02-B, p. 852 BLE75-16706

MCKEE, PRESTON HAROLD
COMPUTER ANALYSES OF LYMPHOCYTE ALTERATIONS INDUCED BY IMMUNOSUPPRESSIVE CHEMICAL AGENTS. (PH.D. 1975 THE UNIVERSITY OF ARIZONA) 72p. 36/07-B, p. 3235 BLE76-01409

MCKEEMAN, WILLIAM MARSHALL
AN APPROACH TO COMPUTER LANGUAGE DESIGN. (PH.D. 1966 STANFORD UNIVERSITY) 128p. 27/10-B, p. 3604 BLE67-04402

MCKEEVER, JOHN WARD
THEORY OF THE RYDBERG-KLEIN-DUNHAM EQUATIONS AND APPLICATION OF THEIR JACOBI-GAUSS QUADRATURE SOLUTIONS TO THE CALCULATION OF MOMENTS OF INTERNUCLEAR-SEPARATION BETWEEN ELECTRONIC-STATE TRANSITIONS OF DIATOMIC SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF TENNESSEE) 284p. 34/11-B, p. 5610 BLE74-11272

MCKELL, LYNN J.
A COMPUTER BASED POLLUTION SURVEILLANCE SCHEDULING SYSTEM. (PH.D. 1973 PURDUE UNIVERSITY) 312p. 35/01-A, p. 36 BLE74-15206

MCKENNA, CHRISTOPHER K.
THE INVESTIGATION OF RELIABLE INDIVIDUAL DIFFERENCES IN VISUAL INFORMATION PROCESSING OF VERY FAST SEQUENTIAL INPUTS. (PH.D. 1971 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 97p. 32/05-B, p. 3037 BLE71-29664

MCKENZIE, ROBERT RONALD
A COMPUTER SIMULATION USED TO EVALUATE ALTERNATIVE FINANCIAL STRATEGIES. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 407p. 26/02, p. 778 BLE65-08801

MCKEON, JOHN BERNARD
DELINEATION OF CENTRAL OHIO GLACIAL DEPOSITS BY COMPUTER PROCESSING OF MULTISPECTRAL SATELLITE DATA. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 186p. 36/08-B, p. 3829 BLE76-03487

MCKINLEY, HENRY JOSEPH, JR.
REDUCING THE EFFECTS OF PARAMETER UNCERTAINTY IN TIME-OPTIMAL CONTROL SYSTEMS. (PH.D. 1971 CORNELL UNIVERSITY) 116p. 32/03-B, p. 1574 BLE71-22989

MCLALLEN, MILLARD DANIEL
ANALYSIS OF THE NEED AND ECONOMIC FEASIBILITY FOR COMPUTER-ASSISTED INSTRUCTION IN HIGH VOLUME JUNIOR COLLEGE COURSES. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 172p. 36/02-A, p. 646 BLE75-16710

MCLAREN, ROBERT WAYNE
AN APPLICATION OF STOCHASTIC AUTOMATA TO THE SYNTHESIS OF LEARNING SYSTEMS. (PH.D. 1966 PURDUE UNIVERSITY) 164p. 27/02-B, p. 478 BLE66-07464

MCLAUGHLIN, JOHN ALDEN
AUTOMATIC PATTERN RECOGNITION IN MODULO-2 VECTOR SPACES. (PH.D. 1965 STANFORD UNIVERSITY) 83p. 26/07, p. 3822 BLE65-12815

MCLAUGHLIN, RICHARD CLARKE
INTEREST PROFILES FOR INFORMATION DISSEMINATION. (PH.D. 1969 SYRACUSE UNIVERSITY) 149p. 30/12-B, p. 5580 BLE70-10367

MCLEOD, ROY HUGH
THE ANALOG COMPUTER AS AN INSTRUCTIONAL TOOL FOR ELEMENTARY DIFFERENTIAL EQUATIONS. (ED.D. 1975 COLUMBIA UNIVERSITY) 174p. 36/06-B, p. 2855 BLE75-27064

MC LUEN, ROY EMERY
A COMPREHENSIVE PERFORMANCE PROJECT IN SAXOPHONE LITERATURE WITH AN ESSAY CONSISTING OF A NEW EMBOSSED-DOT MUSIC NOTATION SYSTEM FOR THE BLIND BASED ON BRAILLE PRINCIPLES AND COMPUTER MUSIC NOTATION SYSTEMS. (D.M.A. 1973 THE UNIVERSITY OF IOWA) 359p. 35/01-A, p. 501 BLE74-16704

MCMAHAN, LARRY NIEL
LANGUAGE DIRECTED COMPUTER ARCHITECTURE. (PH.D. 1975 RICE UNIVERSITY) 138p. 36/04-B, p. 1812 BLE75-22041

MCMAHON, EDWARD JAMES
USING A COMPUTER GENERATED RESOURCE GUIDE TO PLAN FOR AND IMPLEMENT INDIVIDUALIZATION OF INSTRUCTION IN A TEAM TEACHING ARRANGEMENT--A DESCRIPTIVE CASE STUDY. (ED.D. 1970 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 267p. 31/05-A, p. 2260 BLE70-22107

MCMAHON, JAMES EDWARD
COMPUTER METHOD FOR PREDICTING RNA SECONDARY STRUCTURE. (PH.D. 1975 THE FLORIDA STATE UNIVERSITY) 109p. 36/12-B, p. 5931 BLE76-13819

MCMANUS, JOHN FRANCIS
COMPUTER EVALUATION OF COLLEGE HISTORY EXAMINATIONS BY ACTUARIAL STRATEGIES. (PH.D. 1969 THE UNIVERSITY OF CONNECTICUT) 141p. 30/02-A, p. 589 BLE69-12754

MCMICHAEL, MELVIN EUGENE
THE IMPACT OF INTEGRATED DATA PROCESSING ON ORGANIZATION STRUCTURE. (PH.D. 1961 THE UNIVERSITY OF TEXAS AT AUSTIN) 346p. 21/12, p. 3664 BLE61-01370

MCMULLEN, LEE DENNIS
SYSTEMS ANALYSIS APPLIED TO THE PROTECTION AND ENHANCEMENT OF THE WATER QUALITY OF LAKE MACBRIDE. (PH.D. 1975 THE UNIVERSITY OF IOWA) 205p. 36/12-B, p. 6339 BLE76-13417

MCMUNN, JOHN CARTER
MULTI-PARAMETER OPTIMUM DAMPING IN LINEAR DYNAMICAL SYSTEMS. (PH.D. 1967 UNIVERSITY OF MINNESOTA) 120p. 28/11-B, p. 4607 BLE68-07359

MCMURTRY, RAY
AN ANALYSIS OF COMPUTER UTILIZATION ON TWO-YEAR COLLEGE CAMPUSES. (PH.D. 1972 UNIVERSITY OF WYOMING) 161p. 33/01-A, p. 115 BLE72-18336

MCNALL, JOHN FAIRMAN
AUTOMATIC ADDRESS MODIFICATION IN A THREE ADDRESS DIGITAL COMPUTER. (PH.D. 1960 THE UNIVERSITY OF WISCONSIN - MADISON) 92p. 21/06, p. 1506 BLE60-05766

MCNAMARA, JOHN RICHARD
THE OPTIMAL DESIGN OF WATER QUALITY MANAGEMENT SYSTEMS: AN APPLICATION OF MULTISTAGE GEOMETRIC PROGRAMMING. (PH.D. 1971 RENSSELAER POLYTECHNIC INSTITUTE) 204p. 32/02-A, p. 618 BLE71-19668

MCNEAL, DONALD RICHARD
NEIGHBORING OPTIMAL CONTROL OF NONLINEAR SYSTEMS WITH BOUNDED CONTROL. (PH.D. 1967 STANFORD UNIVERSITY) 102p. 28/07-B, p. 2850 BLE67-17461

MCSPADEN, JAY BYRON
COMPUTER AVERAGING OF ELECTRO-OCULAR RESPONSES TO ACOUSTIC STIMULI. (PH.D. 1971 UNIVERSITY OF WASHINGTON) 71p. 32/10-B, p. 5964 BLE72-07360

MCWEENEY, MARK GLENNON
COMPARATIVE ANALYSIS OF TWO COMPUTER-ASSISTED INSTRUCTIONAL LEARNING STRATEGIES: SIMULATED GAMES AND NON-SIMULATED GAMES IN BIOGRAPHY AND BIBLIOGRAPHY--UNITS IN PRINT MEDIA RESOURCES. (PH.D. 1974 PURDUE UNIVERSITY) 203p. 35/11-A, p. 7335 BLE75-10820

MCWILLIAMS, ROBERT H.
AN INVESTIGATION OF THE COUNSELING PROCESS UTILIZING A SYSTEMS ANALYSIS MODEL. (PH.D. 1971 THE UNIVERSITY OF NORTH DAKOTA) 142p. 33/01-A, p. 160 BLE72-19428

MEALY, CHARLES RICHARD
AN INVESTIGATION OF HISTORIOGRAPHY, SELECTED BIBLIOGRAPHIC REFERENCES AND INFORMATION STORAGE AND RETRIEVAL SYSTEMS RELATED TO GRADUATE STUDY AND RESEARCH IN THE HISTORY OF PHYSICAL EDUCATION. (PH.D. 1973 UNIVERSITY OF OREGON) 101p. 34/12-A, p. 7573 BLE74-12848

MEDLER, CHARLES LOUIS
ON THE SENSITIVITY ALGORITHM AND PARAMETER IDENTIFICATION IN NONLINEAR DIFFERENTIAL SYSTEMS. (PH.D. 1971 UNIVERSITY OF WASHINGTON) 349p. 32/08-B, p. 4595 BLE72-07381

MEDLOCK, PAUL ALAN
COMPUTER-AIDED ANALYSIS OF RESISTIVE PIECEWISE-LINEAR NETWORKS. (PH.D. 1971 PURDUE UNIVERSITY) 104p. 32/06-B, p. 3360 BLE72-01923

MEEK, JETHRO WILLIAM
ANALYSIS AND BEHAVIOR OF SOIL-STRUCTURE INTERACTION SYSTEMS. (PH.D. 1972 RICE UNIVERSITY) 187p. 33/04-B, p. 1538 BLE72-26463

MEENAN, PETER MICHAEL
A DECISION-MAKING STRUCTURE AND COMPUTER SIMULATION APPROACH FOR ANALYZING SOLID WASTE MANAGEMENT SYSTEMS. (PH.D. 1974 UNION COLLEGE) 216p. 36/03-B, p. 1384 BLE75-19641

MEESAJJEE, CHULIT
PRELIMINARY DESIGN OF THE RTAF (+ ROYAL THAI AIR FORCE) COMMAND AND CONTROL TWO-LEVEL PARALLEL COMPUTING SYSTEM. (PH.D. 1975 OREGON STATE UNIVERSITY) 244p. 35/12-B, p. 5893 BLE75-13063

MEHRI, BAHMAN
SIMPLIFICATION OF CERTAIN TURNING POINT PRBLEMS FOR SYSTEMS OF LINEAR DIFFERENTIAL EQUATIONS. (PH.D. 1967 THE UNIVERSITY OF WISCONSIN - MADISON) 69p. 28/08-B, p. 3364 BLE67-12139

MEIER, JAMES ANTHONY
A COMPUTER-PROGRAM PACKAGE TO AID SCHOOL-SCHEDULE BUILDING. (PH.D. 1973 UNIVERSITY OF NORTHERN COLORADO) 139p. 34/05-A, p. 2414 BLE73-26512

MEIER, LEWIS, II
APPROXIMATION OF LINEAR CONSTANT SYSTEMS BY LINEAR CONSTANT SYSTEMS OF LOWER ORDER. (PH.D. 1965 STANFORD UNIVERSITY) 103p. 26/07, p. 3823 BLE65-12821

MEIRI, ABRAHAM ZVI
A NEW APPROACH TO THE GENERAL PROBLEM OF OPTIMAL FILTERING AND CONTROL OF STOCHASTIC SYSTEMS. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, BERKELEY) 73p. 28/07-B, p. 2851 BLE68-00115

MEISINGER, KENNETH RALPH
A SYSTEM FOR USING A COMPUTER TO ORGANIZE AND ANALYZE INFORMATION FOR COLLECTIVE BARGAINING IN TEXAS. (PH.D. 1972 TEXAS A&M UNIVERSITY) 283p. 33/11-B, p. 5376 BLE73-12277

MEKEL, RALPH
DESIGN OF HIGH ORDER NONLINEAR CONTROL SYSTEMS VIA LIAPUNOV'S CRITERION. (PH.D. 1964 UNIVERSITY OF PENNSYLVANIA) 231p. 25/07, p. 4048 BLE64-10405

MEKSAWAN, TAVACH
A STUDY OF OPTIMAL SYNTHESIS TECHNIQUES FOR LINEAR CONTROL SYSTEMS WITH PULSE-WIDTH-MODULATION. (PH.D. 1963 NORTHWESTERN UNIVERSITY) 236p. 25/01, p. 361 BLE64-05857

MELENDEZ, KARL JERRY
A METRIC GRAPH STRUCTURE FOR INFORMATION RETRIEVAL. (PH.D. 1976 THE UNIVERSITY OF NEW MEXICO) 75p. 37/05-B, p. 2375 BLE76-26671

MELFI, LEONARD THEODORE, JR.
THE DESIGN, DEVELOPMENT, AND ANALYSIS OF A MASS SPECTROMETER SYSTEM FOR NUMBER DENSITY MEASUREMENTS IN THE TERRESTRIAL THERMOSPHERE. (PH.D. 1971 THE FLORIDA STATE UNIVERSITY) 160p. 32/11-B, p. 6568 BLE72-13536

MELHUS, GEORGE EUGENE
COMPUTER ASSISTED VOCATIONAL CHOICE COMPARED WITH TRADITIONAL VOCATIONAL COUNSELING. (PH.D. 1971 ILLINOIS INSTITUTE OF TECHNOLOGY) 103p. 32/03-B, p. 1826 BLE71-24726

MELLOR, DOUGLAS JAY
COMPUTER-AIDED SYNTHESIS OF MATCHING NETWORKS FOR MICROWAVE AMPLIFIERS. (PH.D. 1975 STANFORD UNIVERSITY) 157p. 36/04-B, p. 1855 BLE75-21887

MELLOR, WARREN LEONARD
COMPUTER-BASED EDUCATIONAL INFORMATION SYSTEMS: AN ANALYSIS OF THE RELATIONSHIP BETWEEN INNOVATION, ENVIRONMENT AND PATTERNS OF SYSTEM USE. (PH.D. 1975 UNIVERSITY OF OREGON) 189p. 36/07-A, p. 4173 BLE76-00865

MELSA, JAMES LOUIS
CLOSED-LOOP, SUB-OPTIMAL CONTROL EMPLOYING THE SECOND METHOD OF LIAPUNOV. (PH.D. 1965 THE UNIVERSITY OF ARIZONA) 150p. 26/04, p. 2109 BLE65-05390

MELTON, HOWARD WILLIAM
LEGAL CONSTRAINTS IN THE DESIGN OF COMPUTER-BASED MEDICAL INFORMATION SYSTEMS. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 218p. 33/06-A, p. 2960 BLE72-32514

MENDIRATTA, ASHOK KUMAR
NONLINEAR OPTIMAL CONTROL THEORY APPLIED TO A DISTRIBUTED FEED BIOCHEMICAL RIVER REACTOR WITH DUAL WATER QUALITY AND SELF-PURIFICATION CONSTRAINTS. (PH.D. 1972 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 201p. 33/05-B, p. 2049 BLE72-27576

MENKELLO, FREDERICK VINCENT
AXIOMATIC THEORY FOR GRAPHICS OPERATORS. (PH.D. 1975 TEXAS A&M UNIVERSITY) 192p. 36/05-B, p. 2354 BLE75-25126

MENON, KEZHEKEPAT PALAT SANKARAN
COMPUTER PROCESSING IN INDIAN LANGUAGES. (PH.D. 1974 UNIVERSITY OF MINNESOTA) 283p. 36/04-B, p. 1812 BLE75-12207

MENON, SAROJINI
AN ANALYSIS OF THE EDUCATIONAL AND SOCIAL FACTORS BASIC TO AN INDIGENOUS MALAYSIAN GUIDANCE SYSTEM WITH PROPOSALS FOR TWO MODELS AND ACCOMPANYING STRATEGIES FOR THEIR ADOPTION. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 220p. 33/11-A, p. 6095 BLE73-11206

MERCADO-JIMENEZ, TEODORO
AN ANALYSIS OF A DISTRIBUTED LAG SYSTEM WITH RESISTIVE TERMINATIONS. (PH.D. 1965 TEXAS A&M UNIVERSITY) 98p. 26/01, p. 273 BLE65-07576

MERCKEL, GERALD ULRICH
COMPUTER CONTROLLED FEEDBACK STABILIZATION OF AN MHD (MAGNETOHYDRODYNAMIC) PLASMA INSTABILITY. (PH.D. 1973 THE UNIVERSITY OF TENNESSEE) 164p. 34/08-B, p. 3791 BLE74-03661

MERLETTI, ROBERTO
COMPUTER SIMULATION AND ANALYSIS OF THE PHYSIOLOGY AND PATHOLOGY OF THE BODY FLUIDS AND COMPARISON OF RESULTS WITH PHYSIOLOGICAL DATA. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 376p. 33/11-B, p. 5261 BLE73-11636

MERLIN, PHILIP MEIR
A STUDY OF THE RECOVERABILITY OF COMPUTING SYSTEMS. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, IRVINE) 181p. 35/11-B, p. 5381 BLE75-11026

MERRILL, MARINER DON
ROOT-LOCUS COMPENSATION OF NONLINEAR FEEDBACK SYSTEMS. (PH.D. 1964 UNIVERSITY OF UTAH) 103p. 25/04, p. 2413 BLE64-10632

MERRILL, PAUL FELSHAW
INTERACTION OF COGNITIVE ABILITIES WITH AVAILABILITY OF BEHAVIORAL OBJECTIVES IN LEARNING A HIERARCHICAL TASK BY COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 102p.
31/07-A, p. 3345 BLE71-00164

MERRILL, WALTER CLYDE
AN APPLICATION OF MODERN CONTROL THEORY TO JET PROPULSION SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF TOLEDO) 153p.
36/07-B, p. 3479 BLE75-29937

MERRIMAN, JAMES ROBERT
ANALYSIS OF A MULTICOMPONENT GAS ABSORPTION SYSTEM WITH CARRIER GAS COABSORPTION. (PH.D. 1975 THE UNIVERSITY OF TENNESSEE) 128p. 36/03-B, p. 1338 BLE75-18974

MERRITT, EDWIN THOMAS
GUIDELINES FOR THE INTRODUCTION AND IMPLEMENTATION OF COMPUTERIZED DATA PROCESSING IN THE SCHOOL DISTRICTS OF CONNECTICUT. (ED.D. 1973 COLUMBIA UNIVERSITY) 241p. 34/05-A, p. 2229 BLE73-25164

MERRITT, LESTER PAUL
NUMERICAL ANALYSIS OF KINETIC-ENERGY SOURCES IN LARGE SCALE TROPICAL DISTURBANCES. (PH.D. 1974 UNIVERSITY OF MISSOURI - COLUMBIA) 189p.
35/09-B, p. 4580 BLE75-05770

MERRITT, PHILIP EDWARD
DESIGN OF SYSTEMS TO TOLERATE VARIABLE PARAMETERS. (PH.D. 1960 STANFORD UNIVERSITY) 89p. 21/04, p. 831 BLE60-03817

MERRITT, STEVE
AN INVESTIGATION OF THE POTENTIAL OF CENTRALIZED COMPUTER SYSTEM SELECTION IN THE DEPARTMENT OF DEFENSE AND THE FEDERAL GOVERNMENT. (D.B.A. 1973 THE GEORGE WASHINGTON UNIVERSITY) 257p.
34/03-A, p. 946 BLE73-20529

MERTEN, ALAN GILBERT
SOME QUANTITATIVE TECHNIQUES FOR FILE ORGANIZATION. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 211p.
31/10-B, p. 5924 BLE70-24707

MESSERSMITH, ANN MARIE
DESIGN OF A MULTI-ECHELON MENU ITEM FORECASTING SYSTEM. (PH.D. 1975 UNIVERSITY OF MISSOURI - COLUMBIA) 266p.
36/10-B, p. 4969 BLE76-07521

MESSINGER, MARTIN
MODELS, ANALYSIS, AND APPROXIMATIONS FOR SYSTEM RELIABILITY AND AVAILABILITY. (PH.D. 1967 POLYTECHNIC INSTITUTE OF NEW YORK) 312p. 28/05-B, p. 2035 BLE67-13408

METCALF, MICHAEL FRENCH
DESIGN OF AN OFFSHORE PLATFORM UPENDING SIMULATION SYSTEM. (PH.D. 1973 STANFORD UNIVERSITY) 247p. 34/09-B, p. 4365 BLE74-06814

METWALLI, SAYED M.
OPTIMUM DESIGN OF MECHANICAL ISOLATION SYSTEMS FOR VEHICULAR APPLICATIONS. (PH.D. 1973 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 298p. 35/03-B, p. 1272 BLE74-04429

METZNER, JOHN RICHARD, JR.
DECISION TABLE PROGRAMMING LANGUAGES, GENERALIZATION AND DESIGN. (PH.D. 1972 THE PENNSYLVANIA STATE UNIVERSITY) 202p.
33/12-B, p. 5768 BLE73-14025

MEYER, CHARLES SHELLEY
ELECTRICAL STABILITY OF HIGH SPEED LOGIC CIRCUITS IN LARGE SCALE INTEGRATION. (PH.D. 1968 ARIZONA STATE UNIVERSITY) 117p.
28/08-B, p. 3287 BLE68-01654

MEYER, CLEMENS ALVIN
OPTIMIZATION OF PRESENCE-TYPE DETECTOR LOCATION AT A SIGNALIZED INTERSECTION UTILIZING A COMPUTER SIMULATION MODEL. (PH.D. 1974 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 159p. 35/10-B, p. 4896 BLE75-07683

MEYER, DAVID DEAN
TWO-DIMENSIONAL NUMERICAL ANALYSIS OF SEMICONDUCTOR DEVICES: APPLICATION TO BIPOLAR TRANSISTORS. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 180p.
33/11-B, p. 5289 BLE73-11540

MEYER, DONALD HENRY
FREQUENCY DOMAIN PERFORMANCE CRITERIA FOR NONLINEAR CONTROL SYSTEMS. (PH.D. 1967 THE UNIVERSITY OF IOWA) 100p.
28/12-B, p. 5019 BLE68-00858

MEYER, GEORGE EUGENE
COMPARTMENTAL ANALYSIS AND COMPUTER SIMULATION OF THE GROWTH OF RAPHANUS SATIVUS (RADISH) UNDER CONTROLLED CONDITIONS. (PH.D. 1972 UNIVERSITY OF MASSACHUSETTS) 242p.
33/09-B, p. 4251 BLE73-06422

MEYER, ROLAND PAUL
SYNTHESIS OF SUBOPTIMAL FEEDBACK CONTROL LAWS FOR SECOND ORDER NONLINEAR SYSTEMS. (PH.D. 1969 UNIVERSITY OF MISSOURI - COLUMBIA) 106p. 30/08-B, p. 3648 BLE70-03005

MEYER, SUSAN CONRY
AN ANALYSIS OF TWO MODELS FOR PARALLEL COMPUTATION. (PH.D. 1975 RICE UNIVERSITY) 165p.
36/04-B, p. 1813 BLE75-22043

MEYER, URBAN
ANALYSIS AND SYNTHESIS OF MULTI-ECHELON INVENTORY SYSTEMS USING THE THEORY OF FEEDBACK CONTROL SYSTEMS. (PH.D. 1971 LEHIGH UNIVERSITY) 158p. 32/09-B, p. 5199 BLE72-09304

MEYERS, BARBARA FRANCES KOLSKY
DESIGN OF A LANGUAGE FOR AN ASSOCIATIVE PROCESSOR. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 490p.
36/10-B, p. 5143 BLE76-09002

MEYERSIEK, GERO
RANK-ONE METHODS IN OPTIMAL CONTROL THEORY. (D.B.A. 1972 INDIANA UNIVERSITY, GRADUATE SCHOOL OF BUSINESS) 98p.
33/08-A, p. 3869 BLE73-04396

MICHAEL, GERALD JOHN
OPTIMAL CONTROL OF PARAMETRICALLY DISTURBED LINEAR SYSTEMS. (PH.D. 1969 CORNELL UNIVERSITY) 38p. 30/12-B, p. 5500 BLE70-08010

MICHAEL, MARK THOMAS
FEATURE EVALUATION CRITERIA FOR PATTERN RECOGNITION. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 159p. 33/04-B, p. 1553 BLE72-26190

MICHAEL, ROBERT EDWIN
A NEW METHOD FOR CALCULATING THE EFFECT OF FAULTS IN LOGIC CIRCUITS: THE BIT STRING METHOD. (PH.D. 1975 WEST VIRGINIA UNIVERSITY) 107p. 36/11-B, p. 5724 BLE76-11774

MICHAELS, ALLAN IRVIN
COMPUTER SIMULATION OF HETEROGENEOUS NUCLEATION. (PH.D. 1971 STANFORD UNIVERSITY) 376p. 32/10-B, p. 5902 BLE72-11618

MICHAELS, LAWRENCE H.
THE RELATIONSHIP BETWEEN PERIODIC SOLUTIONS AND STABILITY IN A CLASS OF THIRD-ORDER RELAY CONTROL SYSTEMS. (PH.D. 1968 RENSSELAER POLYTECHNIC INSTITUTE) 74p.
29/03-B, p. 1008 BLE68-13523

MICHALOPOULOS, DEMETRIOS ANDREAS
A PARTITIONING ALGORITHM WITH APPLICATIONS IN PATTERN RECOGNITION, PIECEWISE CONSTANT APPROXIMATION, THE OPTIMIZATION OF DECISION TREES AND SELF-PROGRAMMING COMPUTERS. (PH.D. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 161p. 32/12-B, p. 7041 BLE72-17488

MICHEL, JEROME ALAN
SYNTHESIS OF PRIORITY QUEUING SYSTEMS. (PH.D. 1972 THE PENNSYLVANIA STATE UNIVERSITY) 171p. 33/07-B, p. 3034 BLE72-33192

MICHELS, THOMAS ERNEST
INTEGRATION OF SYSTEMS OF EQUATIONS IN CHEMICAL KINETICS. (PH.D. 1972 IOWA STATE UNIVERSITY) 144p. 33/08-B, p. 3596 BLE73-03913

MICHENER, JAMES COPE
THE FLOWCHART PROGRAMMING SYSTEM. (PH.D. 1970 BROWN UNIVERSITY) 241p.
31/12-B, p. 7439 BLE71-13912

MICKELSON, JOHN SANFORD
MESSAGE ORGANIZATION AND INFORMATION: A STUDY IN THE MEASUREMENT OF HUMAN INFORMATION PROCESSING. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 80p.
33/02-A, p. 845 BLE72-22286

MIDDLEDITCH, ALAN EDWARD
THE DESIGN OF A DIGITAL COMPUTER CONTOURING CONTROL SYSTEM. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 285p. 34/03-B, p. 1107 BLE73-21083

MIHAL, WILLIAM LOUIS
INDIVIDUAL DIFFERENCES IN PERCEPTUAL-INFORMATION PROCESSING AND THEIR RELATION TO ACCIDENT BEHAVIOR. (PH.D. 1975 THE UNIVERSITY OF ROCHESTER) 102p.
36/03-B, p. 1490 BLE75-15218

MIKAMI, EDWARD YOSHIO
QUADRATIC OPTIMAL CONTROL PROBLEMS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 138p. 29/04-B, p. 1436 BLE68-14848

MIKELSKAS, ROBERT ANTHONY
DESIGN OF A TERMINAL MONITOR FOR INTERACTIVE PROGRAMS. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 199p. 34/04-B, p. 1494 BLE73-24028

MIKESELL, JERALD LOUIS
ASPECTS OF COMPUTER SCIENCE THAT WOULD PROVIDE VALID CURRICULA IN COMPUTER SCIENCE FOR EDUCATORS. (ED.D. 1971 UNIVERSITY OF WYOMING) 94p. 33/01-A, p. 146 BLE72-18338

MIKHAIL, OSAMA ISHAQ
ON THE ECONOMICS AND DESIGN OF COMPUTER NETWORKS FOR DISTRIBUTED DATA PROCESSING. (PH.D. 1975 CARNEGIE-MELLON UNIVERSITY) 152p.
36/05-A, p. 2466 BLE75-17846

MILES, JOHN GILMAN
STRUCTURAL REALIZATIONS OF PROGRAM SCHEMATA. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 208p. 32/06-B, p. 3298 BLE71-31264

MILHOLLAND, ARTHUR VINCENT
SMALLEST EIGENVECTOR MAPPING FOR DISCRIMINANT ANALYSIS AND PATTERN RECOGNITION. (PH.D. 1976 UNIVERSITY OF DELAWARE) 83p. 37/03-B, p. 1328 BLE76-20551

MILLEN, ROGER NEIL
SOME EFFECTS OF COMPUTER PROCESS CONTROL ON MANAGEMENT INFORMATION AND CONTROL. (PH.D. 1970 PURDUE UNIVERSITY) 478p.
31/10-B, p. 6002 BLE71-09443

MILLER, BERNARD
A HARDWARE FAST FOURIER TRANSFORM SIGNAL ANALYZER. (PH.D. 1969 COLUMBIA UNIVERSITY) 170p. 31/06-B, p. 3404 BLE70-18833

MILLER, BRUCE JOHN
A THEORETICAL AND ANALOG STUDY OF A STEEP DESCENT COEFFICIENT COMPUTER FOR PROCESS ANALYSIS AND ADAPTIVE CONTROL. (PH.D. 1962 THE OHIO STATE UNIVERSITY) 180p.
23/02, p. 585 BLE62-03593

MILLER, CLYDE ADAMS
THE NOISE SENSITIVITY OF OPTIMAL CONTROL SYSTEMS AND THE DESIGN OF SUBOPTIMAL CONTROL LAWS. (PH.D. 1969 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 153p.
30/06-B, p. 2700 BLE69-20574

MILLER, DAVID ARTHUR
CLOSED-LOOP ANALYSIS OF THE AVIAN RESPIRATORY CONTROLLING SYSTEM BY VARYING THE PARAMETERS OF THE PLANT. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 72p.
33/08-B, p. 3899 BLE73-02076

MILLER, DORIS IDA
A COMPUTER SIMULATION MODEL OF THE AIRBORNE PHASE OF DIVING. (PH.D. 1970 THE PENNSYLVANIA STATE UNIVERSITY) 174p.
32/01-A, p. 223 BLE71-16644

MILLER, GEORGE EUGENE
A COMPUTER-ASSISTED EXPERIMENT ON THE PROCESS OF LEARNING AND PROBLEM-SOLVING UNDER THE CONDITION OF GOAL-DIRECTION. (ED.D. 1969 UNIVERSITY OF MARYLAND) 241p.
31/03-A, p. 1081 BLE70-14846

MILLER, GEORGE MARTIN
ON-LINE COMPUTER RECOGNITION OF HANDWRITTEN SYMBOLS. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 117p.
31/02-B, p. 620 BLE70-03829

MILLER, GEORGIA BLAIR
A STUDY TO DEVELOP A MODEL FOR DATA PROCESSING PROGRAMS IN THE HIGH SCHOOLS, VOCATIONAL SCHOOLS, AND COMMUNITY COLLEGES OF KENTUCKY. (ED.D. 1975 UNIVERSITY OF KENTUCKY) 142p.
36/06-A, p. 3184 BLE75-26466

MILLER, HOLMES EDWARD
MATHEMATICAL PROGRAMMING MODELS OF NURSE SCHEDULING AND ALLOCATION. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 138p.
35/10-B, p. 5022 BLE75-07968

MILLER, JAMES RICHARD
SELECTING COMPUTER PROGRAMMERS: A MULTIVARIATE APPROACH TO THE DETERMINATION OF PREDICTORS USING AN IMPROVED CRITERION FOR ON-THE-JOB SUCCESS OF MALE AND FEMALE COMPUTER PROGRAMMERS. (D.B.A. 1970 THE GEORGE WASHINGTON UNIVERSITY) 157p.
31/04-B, p. 2341 BLE70-18329

MILLER, JOHN EDGAR
THE COMPARATIVE EFFECTIVENESS OF DATA-PROCESSING PROGRAMS IN PROPRIETARY AND PUBLIC POSTSECONDARY INSTITUTIONS. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 171p.
34/08-A, p. 5017 BLE74-03282

MILLER, MAX IVAN, JR.
A MINIMALLY SENSITIVE IRREDUCIBLE REALIZATION FOR MULTIVARIABLE SYSTEMS. (PH.D. 1972 UNIVERSITY OF DENVER) 135p.
34/03-B, p. 1109 BLE73-08076

MILLER, RICHARD ALLEN
DYNAMIC OUTPUT FEEDBACK CONTROL OF LINEAR SYSTEMS. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 165p. 32/06-B, p. 3361 BLE72-00081

MILLER, RICHARD DAVID, SR.
MULTIDIMENSIONAL PROCESSES OF IMPLEMENTING COMPUTER BASED MODELS. (D.B.A. 1974 HARVARD UNIVERSITY) 232p. 35/05-A, p. 2472 BLE74-28862

MILLER, ROBERT HARVEY
AN EXPLORATORY STUDY TO DEVELOP A METHOD OF USING ELECTRONIC DATA-PROCESSING TECHNIQUES FOR RAPID IDENTIFICATION OF OPERATIONAL BARRIERS TO UTILIZATION OF SELECTED AUDIOVISUAL MATERIALS. (ED.D. 1964 INDIANA UNIVERSITY) 207p.
25/10, p. 5690 BLE65-02384

MILLER, ROBERT WILFRED
PROCESS IDENTIFICATION BY PATTERN RECOGNITION TECHNIQUES. (PH.D. 1964 RENSSELAER POLYTECHNIC INSTITUTE) 135p.
26/01, p. 274 BLE65-08435

MILLER, STEPHEN HUGHES
A STUDY OF RISK TAKING IN A COMPUTER SIMULATION MARKETING GAME. (PH.D. 1969 PURDUE UNIVERSITY) 93p.
30/11-B, p. 5274 BLE70-08926

MILLER, THOMAS WILLIAM
THE TRANSIENT RESPONSE OF ADAPTIVE ARRAYS IN TDMA(+ TIME DIVISION MULTIPLE ACCESS) SYSTEMS. (PH.D. 1976 THE OHIO STATE UNIVERSITY) 320p. 37/05-B, p. 2425 BLE76-24653

MILLER, VICTOR JULIAN
ASPECTS OF SPATIALLY-ORIENTED COMPUTERS. (PH.D. 1975 STEVENS INSTITUTE OF TECHNOLOGY) 214p. 37/05-B, p. 2304 BLE76-25172

MILLER, WAYNE TOM
COLOR MICROFORMS FOR INSTRUCTIONAL MEDIA IN A COMPUTER ASSISTED MICROFORM LIBRARY. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 94p.
34/08-A, p. 4792 BLE74-02220

MILLER, WEBB COLBY
TOWARD ABSTRACT NUMERICAL ANALYSIS. (PH.D. 1969 UNIVERSITY OF WASHINGTON) 49p.
30/11-B, p. 5143 BLE70-08475

MILLER LEONARD EDWARD
SIGNAL DETECTION AND BEARING ESTIMATION CAPABILITIES OF MULTIPLICATIVE ARRAY PROCESSORS. (PH.D. 1973 THE CATHOLIC UNIVERSITY OF AMERICA) 162p.
34/03-B, p. 1107 BLE73-21104

MILLIKAN, RICHARD GORDON CLARK
MICROWAVE SPECTRUM AND RING PUCKERING POTENTIAL OF 1,1-DIFLUOROCYCLOPENTANE WITH PART II: COMPUTERS AS INTERACTIVE DEVICES IN CHEMICAL EXPERIMENTS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 72p.
30/05-B, p. 2113 BLE69-18962

MILLIN, DANIEL
A COMPUTER ASSISTED APPROACH TO CURRICULUM PLANNING. (PH.D. 1970 MICHIGAN STATE UNIVERSITY) 222p.
31/11-A, p. 5719 BLE71-11923

MILLNER, WILLIAM ENGEL
A COMPUTER SYSTEM TO AID INSURANCE COMPANY INVESTMENT PORTFOLIO MANAGEMENT. (PH.D. 1970 THE UNIVERSITY OF NEBRASKA - LINCOLN) 272p. 31/08-A, p. 3714 BLE71-02910

MILLS, PHILIP MASON
A COMPILER GENERATING SYSTEM FOR A TABLE DRIVEN COMPILER USING AUTOMATIC LANGUAGE EXPANSION. (PH.D. 1971 IOWA STATE UNIVERSITY) [illegible]p. 32/08-B, p. 4535 BLE72-05237

MILNE, PAUL JOSEPH
ORTHOGONAL TRANSFORM PROCESSING OF ELECTROCARDIOGRAPHIC DATA. (PH.D. 1973 KANSAS STATE UNIVERSITY) 123p.
34/09-B, p. 4379 BLE74-06633

MILNER, STUART DENNIS
THE EFFECTS OF TEACHING COMPUTER PROGRAMMING ON PERFORMANCE IN MATHEMATICS. (PH.D. 1972 UNIVERSITY OF PITTSBURGH) 219p.
33/08-A, p. 4183 BLE73-04112

MILOJKOVIC, DRAGAN VOJISLAV
AN APPLICATION OF A NONMETRIC MULTIDIMENSIONAL SCALING METHOD FOR THE REDUCTION OF DIMENSIONALITY IN THE PROBLEMS OF PATTERN RECOGNITION. (PH.D. 1973 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 104p.
34/09-B, p. 4380 BLE74-05461

MILSTEIN, JEFFREY STEPHEN
THE ESCALATION OF THE VIETNAM WAR, 1965-1967: A QUANTITATIVE ANALYSIS AND PREDICTIVE COMPUTER SIMULATION. (PH.D. 1970 STANFORD UNIVERSITY) 254p. 31/04-A, p. 1868 BLE70-18480

MIN, KELLET ILNAM
A SYSTEMS ANALYSIS OF SCHOOL BOARD CONFLICT. (PH.D. 1971 STANFORD UNIVERSITY) 140p. 32/08-A, p. 4286 BLE72-06964

MIN, LEO YOON-GEE
A MATHEMATICAL PROGRAMMING MODEL OF EDUCATIONAL PLANNING WITH QUANTITATIVE AND QUALITATIVE SUB-OBJECTIVES: A CASE STUDY OF KOREA. (PH.D. 1971 STANFORD UNIVERSITY) 317p. 32/03-A, p. 1195 BLE71-19729

MIN, PYUNG JUNE
ON FEATURE SELECTION IN MULTICLASS PATTERN RECOGNITION. (PH.D. 1969 PURDUE UNIVERSITY) 182p. 30/05-B, p. 2182 BLE69-17220

MINKOFF, MICHAEL
LINEAR-PROGRAMMING METHODS FOR GENERAL DOMAIN SPLINE APPROXIMATIONS AND ERROR-BOUNDS. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 208p. 34/02-B, p. 627 BLE73-16861

MINN, HOWARD SHIK
FUNCTIONAL IDENTIFICATION AND PREDICTION OF A NONLINEAR SYSTEM. (SC.D. 1965 WASHINGTON UNIVERSITY) 93p. 26/08, p. 4539 BLE66-00470

MINOR, WALTER WILLIAM
CONTROL THEORY AND DETERRENCE OF CRIME: A THEORETICAL AND EMPIRICAL INTEGRATION. (PH.D. 1975 THE FLORIDA STATE UNIVERSITY) 229p. 36/12-A, p. 8325 BLE76-13620

MINSKY, MARVIN LEE
THEORY OF NEURAL-ANALOG REINFORCEMENT SYSTEMS AND ITS APPLICATION TO THE BRAIN-MODEL PROBLEM. (PH.D. 1954 PRINCETON UNIVERSITY) 289p. 14/12, p. 2358 BLE00-09436

MIRO-NICOLAU, JOSE
THEORY AND ANALYSIS OF GENERAL SWITCHING NETS. (PH.D. 1961 CASE WESTERN RESERVE UNIVERSITY) 207p. 22/05, p. 1555 BLE61-03308

MIRZA, KAIS BAKER
ON THE CONTROLLABILITY OF NONLINEAR SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 125p. 32/11-B, p. 6403 BLE72-15804

MISHELEVICH, DAVID JACOB
A COMPUTER-BASED SEMANTIC ANALYZER FOR NOUN PHRASE STATEMENTS WITH EXAMPLES FROM MEDICAL TEXT. (PH.D. 1970 THE JOHNS HOPKINS UNIVERSITY) 179p. 33/11-B, p. 5261 BLE73-12101

MISHLER, WILLIAM THOMAS EARLE, II
POLITICAL PARTICIPATION AND THE PROCESS OF POLITICAL SOCIALIZATION IN CANADA: A COMPUTER SIMULATION. (PH.D. 1973 DUKE UNIVERSITY) 388p. 34/02-A, p. 839 BLE73-19487

MISHRA, PRAKASH NARAIN
COMPUTER OPTIMIZATION AND SYNTHESIS OF WASTE TREATMENT PROCESSES. (PH.D. 1974 KANSAS STATE UNIVERSITY) 289p. 35/02-B, p. 805 BLE74-17509

MISRA, PRABHAT KUMAR
ESTIMATION THEORETIC APPROACH TO ANALYSIS, SYNTHESIS, AND SOLUTION OF DYNAMIC SYSTEMS. (PH.D. 1971 KANSAS STATE UNIVERSITY) 367p. 32/12-B, p. 7057 BLE72-17083

MITAL, DINESH PRAKASH
REALIZATION AND IDENTIFICATION OF LINEAR TIME-INVARIANT MULTIVARIABLE SYSTEMS. (PH.D. 1974 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 111p. 35/06-B, p. 2754 BLE74-27806

MITCHEL, WILLIAM HENRY
AN APPROACH TO THE USE OF DIGITAL COMPUTERS IN MUNICIPAL GOVERNMENT. (D.P.A. 1968 UNIVERSITY OF SOUTHERN CALIFORNIA) 509p. 29/04-A, p. 1276 BLE68-13684

MITCHELL, JAMES GEORGE
THE DESIGN AND CONSTRUCTION OF FLEXIBLE AND EFFICIENT INTERACTIVE PROGRAMMING SYSTEMS. (PH.D. 1970 CARNEGIE-MELLON UNIVERSITY) 277p. 31/08-B, p. 4629 BLE71-04536

MITCHELL, PATRICK CLELAND
THE SYSTEM DESIGN OF AN ON-LINE INTERACTIVE DOCUMENT RETRIEVAL SYSTEM AND THE GENERAL UTILITY OF THE DESIGN TECHNIQUES. (PH.D. 1971 WASHINGTON STATE UNIVERSITY) 83p. 32/05-B, p. 2837 BLE71-28785

MITCHELL, RONALD LOY
STATE ESTIMATION IN LINEAR DISCRETE-TIME SYSTEMS WITH CONTINUOUS UNCERTAIN PARAMETERS. (PH.D. 1971 SOUTHERN METHODIST UNIVERSITY) 126p. 32/08-B, p. 4596 BLE72-06382

MITCHELL, THOMAS RAY
A CONTROL SYSTEMS APPROACH TO FOREST RESOURCE MANAGEMENT. (PH.D. 1975 THE UNIVERSITY OF MICHIGAN) 132p. 36/11-B, p. 5375 BLE76-09470

MITCHELL, WILLIAM LOCKWOOD
OPTIMAL SERVICE RATE SELECTION IN PIECEWISE LINEAR MARKOVIAN SERVICE SYSTEMS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, BERKELEY) 86p. 32/02-B, p. 1079 BLE71-20865

MITOMA, MICHAEL FRANCIS
OPTIMAL DATA BASE SCHEMA DESIGN. (PH.D. 1975 THE UNIVERSITY OF MICHIGAN) 249p. 36/06-B, p. 2920 BLE75-29292

MITSCH, WILLIAM JOSEPH
SYSTEMS ANALYSIS OF NUTRIENT DISPOSAL IN CYPRESS WETLANDS AND LAKE ECOSYSTEMS IN FLORIDA. (PH.D. 1975 THE UNIVERSITY OF FLORIDA) 439p. 36/08-B, p. 3846 BLE76-04260

MITTA, SRIDHAR
INNER-PRODUCT OPTIMIZATION OF SYSTEMS LINEAR IN CONTROL. (PH.D. 1973 OKLAHOMA STATE UNIVERSITY) 90p. 34/10-B, p. 4968 BLE74-08086

MIZELLE, RICHARD M.
THE EFFECTS OF DUAL INFORMATION PROCESSING OF STANDARD AND NONSTANDARD ENGLISH IN NONSTANDARD SPEAKERS. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 88p. 33/09-A, p. 4949 BLE72-31692

MIZUNO, ELMER TOURU
ON THE OPTIMAL CONTROL OF LINEAR SYSTEMS SUBJECT TO RANDOM DISTURBANCES. (PH.D. 1965 NORTHWESTERN UNIVERSITY) 85p. 26/12, p. 7221 BLE66-02728

MLADEJOVSKY, MICHAEL GEORGE
A COMPUTER-DRIVEN STIMULATION SYSTEM FOR DEVELOPMENT OF AN ARTIFICIAL EYE FOR THE BLIND. (PH.D. 1974 UNIVERSITY OF UTAH) 83p. 35/07-B, p. 3296 BLE74-28644

MOAN, FLOYD EDWARD
MANAGING IN A COMPUTER ENVIRONMENT (AN IN-DEPTH STUDY OF MANAGEMENT OF THE INVENTORY CONTROL FUNCTION IN FIVE SELECTED COMPANIES). (PH.D. 1970 THE UNIVERSITY OF MICHIGAN) 147p. 31/08-A, p. 3714 BLE71-04683

MOCK, LENDALL, JR.
A COMPUTER ASSISTED PROGRAM FOR THE SCHEDULING OF SCHOOL BUS ROUTES. (ED.D. 1974 BALL STATE UNIVERSITY) 169p. 35/02-A, p. 704 BLE74-17026

MODESITT, KENNETH LEE
ELIJAH: AN APPROACH TO NATURAL LANGUAGE PROGRAMMING. (PH.D. 1972 WASHINGTON STATE UNIVERSITY) 166p. 33/07-B, p. 3034 BLE73-00614

MODI, JAMSHED ARDESHIR
THE USE OF SOLUTION GENERATING SYSTEM FOR KNAPSACK PROBLEMS WITH EXTENSIONS TO GENERAL INTEGER LINEAR PROGRAMMING. (PH.D. 1973 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 120p. 34/06-B, p. 2615 BLE73-29862

MOE, MAYNARD LEROY
THE USE OF TIME-MOMENTS IN MODEL-REFERENCE ADAPTIVE CONTROL SYSTEMS. (PH.D. 1961 NORTHWESTERN UNIVERSITY) 109p. 22/09, p. 3140 BLE62-00863

MOFEEZ, SAYYED MOHAMMAD
SYNTHESIS OF OPTIMUM LINEAR MULTIVARIABLE SYSTEMS. (PH.D. 1967 THE UNIVERSITY OF OKLAHOMA) 127p. 28/04-B, p. 1514 BLE67-12004

MOFFATT, JAMES PRICE
EFFECTS OF GEOMETRIC DEVIATIONS AND NONLINEARITIES IN COHERENT OPTICAL DATA PROCESSORS. (PH.D. 1968 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 171p. 29/10-B, p. 3748 BLE69-07062

MOFFATT, JOHN HOWARD, JR.
AN INTEGRATED DATA BASE FOR USE IN MANAGEMENT OF HIGHER EDUCATION. (PH.D. 1974 THE UNIVERSITY OF ARIZONA) 193p. 35/03-A, p. 1303 BLE74-20252

MOHAMED, NASSER JAWHER
GENERATION OF IMAGES BY MEANS OF SOUND WAVES USING A TWO-DIMENSIONAL HYDROPHONE ARRAY AND A SAMPLING FILTER PROCESSOR. (PH.D. 1976 THE CATHOLIC UNIVERSITY OF AMERICA) 143p. 37/05-B, p. 2426 BLE76-24291

MOHANTY, SIBA NARAYANA
AUTOMATIC PROGRAM TESTING. (PH.D. 1976 POLYTECHNIC INSTITUTE OF NEW YORK) 191p. 37/04-B, p. 1825 BLE76-23436

MOHWINKEL, CLIFFORD A.
DATA REDUCTION AND PROCESSING OF MASSIVE TABULAR DATA BY LOCALIZED OPERATIONS. (PH.D. 1975 POLYTECHNIC INSTITUTE OF NEW YORK) 255p. 36/04-B, p. 1856 BLE75-21389

MOLLENKAMP, ROBERT ANDREW
CONTROL OF HIGH-ORDER SYSTEMS USING SIMPLE MODELS. (PH.D. 1971 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 232p. 32/02-B, p. 910 BLE71-20610

MOLNAR, DANIEL ODON
THE ABSOLUTE STABILITY OF CONTINUOUS NEURAL PULSE-FREQUENCY MODULATED (PFM) CONTROL SYSTEMS. (PH.D. 1974 UNIVERSITY OF WASHINGTON) 76p. 35/07-B, p. 3329 BLE74-29466

MOLONEY, JAMES MICHAEL
AN INVESTIGATION OF COLLEGE STUDENT PERFORMANCE ON A LOGIC CURRICULUM IN A COMPUTER-ASSISTED INSTRUCTION SETTING. (PH.D. 1972 STANFORD UNIVERSITY) 100p. 32/12-A, p. 6851 BLE72-16758

MOLVAR, ALLEN EDWARD
OPTIMAL CONTROL OF BIOLOGICAL REACTORS. (PH.D. 1971 THE UNIVERSITY OF CONNECTICUT) 292p. 33/06-B, p. 2584 BLE72-32167

MONIER, CHARLES JOSEPH
STABILITY INVESTIGATION OF CERTAIN NONLINEAR AUTONOMOUS SYSTEMS. (PH.D. 1966 MISSISSIPPI STATE UNIVERSITY) 133p. 27/06-B, p. 1928 BLE66-12775

MONOPOLI, RICHARD VITO
ENGINEERING ASPECTS OF CONTROL SYSTEM DESIGN VIA THE 'DIRECT METHOD' OF LIAPUNOV. (PH.D. 1965 THE UNIVERSITY OF CONNECTICUT) 181p. 26/09, p. 5341 BLE66-00876

MONROE, GEORGE KARL, JR.
PHONEMIC TRANSCRIPTION OF GRAPHIC POST-BASE AFFIXES IN ENGLISH: A COMPUTER PROBLEM. (PH.D. 1965 BROWN UNIVERSITY) 235p. 26/08, p. 4648 BLE65-13672

MONROE, JOSEPH
A COMPUTER SIMULATION STUDY OF THE MAINTENANCE CRAFT UTILIZATION IN THE PROCESS INDUSTRY. (PH.D. 1972 TEXAS A&M UNIVERSITY) 238p. 33/03-B, p. 1083 BLE72-24320

MONTANDON, BLAISE, JR.
ALMOST PERIODIC SOLUTIONS AND INTEGRAL MANIFOLDS FOR WEAKLY NONLINEAR NONCONSERVATIVE SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF IOWA) 74p. 33/08-B, p. 3787 BLE73-00666

MONTGOMERY, GERALD GENE
COMMUNICATION IN RED FOX DYADS: A COMPUTER SIMULATION STUDY. (PH.D. 1973 UNIVERSITY OF MINNESOTA) 140p. 34/05-B, p. 1982 BLE73-25636

MONTGOMERY, ROBERT LEE
AN APPLICATION OF THE ANALOG COMPUTER TO SECONDARY MATHEMATICS INSTRUCTION. (PH.D. 1975 UNIVERSITY OF MARYLAND) 182p. 36/10-A, p. 6528 BLE76-08417

MONZINGO, ROBERT ALLEN
SYSTEMATIC DESIGN OF MULTIVARIABLE CONTROL SYSTEMS. (SC.D. 1966 WASHINGTON UNIVERSITY) 85p. 27/06-B, p. 1929 BLE66-11892

MOOCHHALA, YUNUS ESOOFBHOY
FREE VIBRATION OF A MULTI-DEGREE-OF-FREEDOM SYSTEM HAVING UNEQUAL MASSES AND NONLINEAR SPRINGS SUBJECT TO ARBITRARY INITIAL DISPLACEMENTS. (PH.D. 1965 NORTHWESTERN UNIVERSITY) 117p. 26/06, p. 3216 BLE65-12136

MOOKINI, EDWIN HAENA
NECESSARY CONDITIONS AND SUFFICIENT CONDITIONS FOR AN OPTIMAL CONTROL PROBLEM IN THE CALCULUS OF VARIATIONS. (PH.D. 1964 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 51p. 25/04, p. 2538 BLE64-10482

MOON, JAMES EDWARD
AN INQUIRY INTO THE OBJECTIVES AND IMPLEMENTATION METHODS OF ACCOUNTING COMPUTER EDUCATION. (PH.D. 1970 THE UNIVERSITY OF ALABAMA) 232p. 31/10-A, p. 4968 BLE71-09121

MOON, ROBERT DON, JR.
AN EVALUATION OF THE INDEXING METHODS EMPLOYED IN A COMPUTERIZED INFORMATION SYSTEM USED IN THE AREA OF SPECIAL EDUCATION. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 264p. 33/02-A, p. 556 BLE72-22259

MOON, SANG FI
OPTIMAL CONTROL OF BILINEAR SYSTEMS AND SYSTEMS LINEAR IN CONTROL. (PH.D. 1969 THE UNIVERSITY OF NEW MEXICO) 182p. 31/04-B, p. 1970 BLE70-17288

MOOR, JAMES HALLER
COMPUTER CONSCIOUSNESS. (PH.D. 1972 INDIANA UNIVERSITY) 166p. 33/09-A, p. 5238 BLE73-06504

MOORE, BOBBY RAY
A SYSTEMS APPROACH TO THE MANAGEMENT OF THE MOBILE COUNTY PUPIL TRANSPORTATION DEPARTMENT WITH AN EXEMPLARY SUB-SYSTEM IN THE AREA OF PLANNING AND CONTROL. (ED.D. 1972 THE UNIVERSITY OF ALABAMA) 247p. 32/12-A, p. 6721 BLE72-17109

MOORE, BRUCE CORKILL
THE STRUCTURE OF TIME-INVARIANT LINEAR MULTIVARIABLE SYSTEMS. (PH.D. 1973 UNIVERSITY OF SOUTHERN CALIFORNIA) 121p. 34/02-B, p. 671 BLE73-18829

MOORE, CHARLES GILBERT, III
NETWORK MODELS FOR LARGE-SCALE TIME-SHARING SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 211p. 32/07-B, p. 3890 BLE72-04937

MOORE, DAVID LARRY
COMPUTER DECISION-ASSISTING MODELS FOR PURCHASING. (D.B.A. 1973 ARIZONA STATE UNIVERSITY) 259p. 33/12-A, p. 6525 BLE73-13082

MOORE, EDWIN EARL
A STUDY OF PROPERTY ACCOUNTING IN IOWA PUBLIC SCHOOL DISTRICTS AND THE APPLICATION OF ELECTRONIC DATA PROCESSING EQUIPMENT TO THE TASK. (PH.D. 1964 THE UNIVERSITY OF IOWA) 244p. 25/09, p. 5066 BLE65-00489

MOORE, JOHN BARRETT
CONTROL SYSTEM DESIGN USING EXTENSIONS OF THE PARAMETER PLANE CONCEPT. (PH.D. 1967 THE UNIVERSITY OF SANTA CLARA) 115p. 33/11-B, p. 5290 BLE73-09241

MOORE, PATRICIA MARY
A COMPUTER ADAPTATION OF LATTICE THEORY. (PH.D. 1975 SAINT LOUIS UNIVERSITY) 278p. 36/06-B, p. 2857 BLE75-26290

MOORE, PAUL JOSEPH
A COMPUTER SIMULATION MODEL OF EUROPEAN CORN BORER POPULATIONS. (PH.D. 1975 PURDUE UNIVERSITY) 228p. 37/03-B, p. 1099 BLE76-21062

MOORE, STEPHEN FESLER
THE APPLICATION OF LINEAR FILTER THEORY TO THE DESIGN AND IMPROVEMENT OF MEASUREMENT SYSTEMS FOR AQUATIC ENVIRONMENTS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, DAVIS) 147p. 32/12-B, p. 7022 BLE72-17919

MOORE, VAUGHN CLAYTON
COMPUTER ANALYSIS AND SYNTHESIS OF COBALT-60 ISODOSE CURVES. (PH.D. 1968 UNIVERSITY OF MINNESOTA) 164p. 29/10-B, p. 3632 BLE69-06833

MOORER, JAMES ANDERSON
ON THE SEGMENTATION AND ANALYSIS OF CONTINUOUS MUSICAL SOUND BY DIGITAL COMPUTER. (PH.D. 1975 STANFORD UNIVERSITY) 226p. 36/09-B, p. 4585 BLE76-05774

MORALES, LUIS E.
A STUDY AND EVALUATION OF ADMINISTRATIVE DATA PROCESSING USES IN SELECTED COMMUNITY COLLEGES. (ED.D. 1972 OREGON STATE UNIVERSITY) 280p. 33/08-A, p. 4019 BLE73-03978

MORAN, THOMAS JAMES
STABILITY IN THE LARGE OF NONLINEAR DYNAMICAL SYSTEMS. (PH.D. 1969 UNIVERSITY OF MINNESOTA) 144p. 30/04-B, p. 1732 BLE69-16432

MORAN, THOMAS PATRICK
SIGNIFICANT DEVELOPMENTS IN THE USE OF COMPUTERS IN SCHOOL MATHEMATICS: A SOURCEBOOK FOR ADMINISTRATORS, TEACHERS, AND TEACHER EDUCATORS. (ED.D. 1974 COLUMBIA UNIVERSITY) 188p. 35/04-A, p. 2104 BLE74-23626

MORELAND, ANDREW SMITH
A STUDY OF THE APPLICATION OF MACHINE DATA PROCESSING IN SELECTED SMALL SCHOOL DISTRICTS IN THE UNITED STATES. (ED.D. 1964 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 376p. 25/05, p. 2829 BLE64-11492

MORENOFF, EDWARD
THE TABLE DRIVEN AUGMENTED PROGRAMMING ENVIRONMENT: A GENERAL PURPOSE USER-ORIENTED PROGRAM FOR EXTENDING THE CAPABILITIES OF COMPUTER OPERATING SYSTEMS. (SC.D. 1969 THE GEORGE WASHINGTON UNIVERSITY) 211p. 31/03-B, p. 1224 BLE70-16907

MOREY, RUSSELL WEAVER
THE OPERATIONS SYSTEM IN SELECTED NONMANUFACTURING ORGANIZATIONS: A COMPARATIVE ANALYSIS. (PH.D. 1973 THE UNIVERSITY OF NEBRASKA - LINCOLN) 186p. 34/07-A, p. 3031 BLE74-00647

MORF, MARTIN
FAST ALGORITHMS FOR MULTIVARIABLE SYSTEMS. (PH.D. 1974 STANFORD UNIVERSITY) 178p. 35/09-B, p. 4482 BLE75-06892

MORGAN, BERNARD STANLEY, JR.
THE SYNTHESIS OF LINEAR MULTIVARIABLE SYSTEMS BY STATE VARIABLE FEEDBACK. (PH.D. 1963 THE UNIVERSITY OF MICHIGAN) 174p. 24/12, p. 5298 BLE64-06721

MORGAN, EDGAR NOLAN
A FORMATIVE ANALYSIS OF DORIN, A COMPUTER ASSISTED INSTRUCTION COURSE TO TEACH SUB-ASPECT CHOICE IN RUSSIAN IMPERFECTIVE VERBS OF MOTION. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 179p. 33/07-A, p. 3263 BLE73-00489

MORGAN, HOWARD LEE
DPL: A LANGUAGE FOR INSTRUCTION IN CONTEMPORARY DATA PROCESSING CONCEPTS. (PH.D. 1968 CORNELL UNIVERSITY) 124p. 29/12-B, p. 4628 BLE69-08867

MORGAN, MAX JOSEPH
AN INTERACTIVE MAN - HYBRID COMPUTER PARAMETER SEARCH ALGORITHM. (PH.D. 1969 OREGON STATE UNIVERSITY) 135p. 29/11-B, p. 4176 BLE69-08082

MORGAN, NEIL WILLIAM
HYBRID COMPUTER METHODS FOR THE SIMULATION OF DISTRIBUTED PARAMETER SYSTEMS WITH APPLICATIONS TO HYDROLOGY. (PH.D. 1972 UTAH STATE UNIVERSITY) 107p. 33/07-B, p. 3079 BLE73-00805

MORGAN, RICHARD THOMAS
THE ROLE OF THE DIGITAL COMPUTER IN A GENERAL EDUCATION COURSE IN MATHEMATICS. (ED.D. 1968 COLUMBIA UNIVERSITY) 159p. 30/01-A, p. 71 BLE69-10546

MORGAN, SOLON DAVID
DYNAMIC PROGRAMMING AND OTHER MULTI-STAGE APPROACHES FOR MINIMIZATION OF COST IN QUALITY CONTROL SYSTEMS. (PH.D. 1966 UNIVERSITY OF PENNSYLVANIA) 197p. 27/12-A, p. 4009 BLE67-07864

MORK, HALBERT LOUIS
SIMPLIFICATION OF LINEAR, CONSTANT, DYNAMICAL SYSTEMS. (PH.D. 1968 UNIVERSITY OF MINNESOTA) 184p. 29/03-B, p. 975 BLE68-12274

MOROFSKY, EDWARD L.
COMPUTER PERCEPTION OF COMPLEX LINE PATTERNS. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 257p. 33/05-B, p. 2084 BLE72-29862

MORRILL, BERNARD
AN INVESTIGATION INTO THE STABILITY OF A STEADY STATE VIBRATORY SYSTEM GOVERNED BY THE NONLINEAR DIFFERENTIAL EQUATION MX'' PLUS CXX' PLUS AX = F(0) COS (NU X T). (PH.D. 1959 THE UNIVERSITY OF MICHIGAN) 60p. 20/05, p. 1721 BLE59-04965

MORRIN, THOMAS HARVEY, II
AN INTERACTIVE PICTURE ANALYSIS AND SEGMENTATION SYSTEM. (PH.D. 1971 UNIVERSITY OF WASHINGTON) 124p. 32/05-B, p. 2715 BLE71-28452

MORRIS, ANDREW A., JR.
THE APPLICATION OF DISCRETE-SPACE FACILITY LOCATION TECHNIQUES TO THE MULTIPERIOD DESIGN OF COMPUTER COMMUNICATION NETWORKS EMPLOYING CONCENTRATORS. (PH.D. 1975 POLYTECHNIC INSTITUTE OF NEW YORK) 154p. 36/04-B, p. 1889 BLE75-21390

MORRIS, DONALD EDWARD
A COMPUTER-CONTROLLED VIDEO SYSTEM FOR IMAGE ANALYSIS AND PATTERN RECOGNITION. (PH.D. 1970 OKLAHOMA STATE UNIVERSITY) 115p. 31/11-B, p. 6615 BLE71-11234

MORRIS, FRANCIE LOCKWOOD
CORRECTNESS OF TRANSLATIONS OF PROGRAMMING LANGUAGES--AN ALGEBRAIC APPROACH. (PH.D. 1972 STANFORD UNIVERSITY) 129p. 33/08-B, p. 3596 BLE73-04560

MORRIS, LYNN LYONS
AN INFORMATION PROCESSING EXAMINATION OF SKILL ASSEMBLY IN PROBLEM-SOLVING AND DEVELOPMENT USING WERTHEIMER'S AREA OF A PARALLELOGRAM PROBLEM. (PH.D. 1975 UNIVERSITY OF PITTSBURGH) 293p. 36/12-A, p. 7957 BLE76-14155

MORRIS, RUSSELL DALE
AN ANALYSIS OF CERTAIN ASPECTS OF THE FEDERAL RESERVE SYSTEM PAYMENTS MECHANISM PROGRAM. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 188p. 34/08-A, p. 4536 BLE74-03271

MORRIS, STANLEY MELVIN
SALEM--A PROGRAMMING SYSTEM FOR THE SIMULATION OF SYSTEMS DESCRIBED BY PARTIAL DIFFERENTIAL EQUATIONS. (PH.D. 1967 LEHIGH UNIVERSITY) 130p. 28/10-B, p. 4102 BLE68-04897

MORRISSY, JOHN DAVID
PROCESSOR CONTRACTUAL COORDINATION IN FRUIT AND VEGETABLE SYSTEMS: MEXICO AND CENTRAL AMERICA. (D.B.A. 1973 HARVARD UNIVERSITY) 213p. 34/10-A, p. 6188 BLE74-09041

MORSE, ALFRED STEPHEN
ON THE ANALYSIS AND SYNTHESIS OF CONTROL SYSTEMS USING A WORST CASE DISTURBANCE APPROACH. (PH.D. 1967 PURDUE UNIVERSITY) 110p. 28/07-B, p. 2852 BLE67-16682

MORTELMANS, JOOST
AN INVESTIGATION OF A PARALLEL RECONFIGURABLE PROCESSOR. (PH.D. 1974 STANFORD UNIVERSITY) 147p. 35/03-B, p. 1260 BLE74-20212

MORTENSEN, RICHARD EDGAR
OPTIMAL CONTROL OF CONTINUOUS-TIME STOCHASTIC SYSTEMS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 103p. 27/04-B, p. 1154 BLE66-08345

MORTENSON, JOHN ALBERT
COMPUTER STORAGE HIERARCHY MODELS AND ANALYSIS. (PH.D. 1976 STANFORD UNIVERSITY) 147p. 37/05-B, p. 2376 BLE76-26044

MORTON, RICHARD PHILLIP
ON-LINE COMPUTING WITH A HIERARCHY OF PROCESSORS. (PH.D. 1968 UNIVERSITY OF PENNSYLVANIA) 149p. 30/03-B, p. 1135 BLE69-15096

MOSELEY, NILES RANSOM
A STUDY OF SUBHARMONIC RESPONSE IN NONLINEAR SYSTEM MODELS. (PH.D. 1971 STANFORD UNIVERSITY) 115p. 32/08-B, p. 4596 BLE72-06960

MOSELEY, PHILLIP EUGENE
MODIFIED METHOD OF MULTIPLIERS FOR MATHEMATICAL PROGRAMMING PROBLEMS. (PH.D. 1972 RICE UNIVERSITY) 54p. 33/04-B, p. 1672 BLE72-26455

MOSER, FRANK
THE MICHIGAN FORMATION: A STUDY IN THE USE OF A COMPUTER ORIENTED SYSTEM IN STRATIGRAPHIC ANALYSIS. (PH.D. 1963 THE UNIVERSITY OF MICHIGAN) 103p. 24/12, p. 5336 BLE64-06722

MOSIER, ANDREW PAUL
AN EMPIRICAL ANALYSIS OF THE KNOWLEDGE OF COMPUTER TECHNOLOGY AND DATA PROCESSING THAT IS USEFUL TO EXECUTIVES IN INTERMEDIATE POSITIONS IN THE DEPARTMENT OF DEFENCE. (D.B.A. 1970 THE GEORGE WASHINGTON UNIVERSITY) 265p. 32/06-B, p. 3473 BLE72-01991

MOSTAFA, RABIE ABDEL FADEEL
TIME-OPTIMAL CONTROL OF A POWER SYSTEM CONNECTED WITH DISPLACEMENT GOVERNOR. (PH.D. 1970 KANSAS STATE UNIVERSITY) 120p. 31/08-B, p. 4693 BLE71-04442

MOSTAGHEL, NASER
STABILITY OF SOME NONLINEAR SYSTEMS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, BERKELEY) 73p. 29/04-B, p. 1437 BLE68-13939

MOSTELLER, GEORGE EDWARD
A STUDY OF HIGH LEVEL LANGUAGE-ORIENTED COMPUTER ARCHITECTURE. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 430p. 34/11-B, p. 5417 BLE74-11553

MOSTELLER, HENRY WALTER
A STUDY OF OPTIMAL CONTROL FOR LINEAR PROCESSES. (PH.D. 1963 CORNELL UNIVERSITY) 187p. 24/05, p. 1961 BLE63-08112

MOTE, CHARLES ROLAND
A COMPUTER SIMULATION OF BIOLOGICAL TREATMENT, STORAGE, AND LAND DISPOSAL OF SWINE WASTES. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 214p. 35/08-B, p. 3886 BLE75-03148

MOTLEY, DRUCILLA
AN ON-LINE COMPUTER MANAGED INTRODUCTION TO INDEXING: AN INDIVIDUALIZED MULTI-MEDIA INSTRUCTIONAL PACKAGE COMPARED TO THE TRADITIONAL METHOD, NINE HOURS OF TEACHER-GROUP CONTACT. (PH.D. 1972 THE FLORIDA STATE UNIVERSITY) 181p. 32/12-A, p. 7019 BLE72-18605

MOULTON, LINDA TURNER
AN ANALYSIS OF COMPUTER UTILIZATION IN CALCULUS TEXTUAL MATERIALS. (ED.D. 1974 TEMPLE UNIVERSITY) 235p. 35/06-B, p. 2891 BLE74-28200

MOULTON, PETER GORHAM
A METHOD OF PROGRAMMING LANGUAGE SPECIFICATION. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 234p. 31/11-B, p. 6562 BLE71-05656

MOULTRIE, WILLIAM ANTHONY
COMPUTER SIMULATION OF EROSIONAL PROCESSES IN A NATURAL WATERSHED: A STUDY OF DRAINAGE BASIN DEVELOPMENT. (PH.D. 1971 THE UNIVERSITY OF IOWA) 183p. 32/09-B, p. 5248 BLE72-08292

MOUNT-CAMPBELL, CLARK ALAN
THE APPLICATION OF CAPITAL MARKET EQUILIBRIUM THEORY AND MATHEMATICAL PROGRAMMING TO THE CAPITAL BUDGETING PROBLEM UNDER UNCERTAINTY. (PH.D. 1974 THE UNIVERSITY OF OKLAHOMA) 264p. 35/09-B, p. 4567 BLE75-06541

MOUSTAFA, MAHMOUD ABD-ELFATTAH
NORMAL MODES IN NONLINEAR NONSYMMETRICAL SYSTEMS WITH TWO DEGREES OF FREEDOM, AND APPLICATIONS TO AIR SPRINGS. (PH.D. 1965 OREGON STATE UNIVERSITY) 134p. 25/09, p. 5195 BLE65-01264

MOY, ROLAND FREDERICK
TWO THEORIES OF DEMOCRATIC POLITICAL DEVELOPMENT: AN ANALYSIS USING COMPUTER SIMULATION. (PH.D. 1969 THE OHIO STATE UNIVERSITY) 151p. 30/07-A, p. 3065 BLE69-22182

MOYER, ALAN LEE
PARALLEL ARRAY PROCESSOR SOLUTION OF ORDINARY DIFFERENTIAL EQUATION INITIAL-VALUE PROBLEMS. (PH.D. 1974 SYRACUSE UNIVERSITY) 249p. 36/10-B, p. 5184 BLE76-07924

MRAZEK, JERRY GRAHAM
TIME DOMAIN COMPENSATION OF LINEAR SYSTEMS. (PH.D. 1967 OKLAHOMA STATE UNIVERSITY) 186p. 28/12-B, p. 5039 BLE68-08467

MUDGE, JONATHON CRAIG
HUMAN FACTORS IN THE DESIGN OF A COMPUTER-ASSISTED INSTRUCTION SYSTEM. (PH.D. 1973 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 959p. 34/09-B, p. 4327 BLE74-05951

MUELLER, CONRAD EDWARD
OPTIMAL FEEDBACK CONTROL OF HEREDITARY PROCESSES. (PH.D. 1971 UNIVERSITY OF MINNESOTA) 161p. 32/03-B, p. 1708 BLE71-22230

MUELLER, JOHN HENRY, JR.
TESTING A PAIRED-ASSOCIATE MODEL BY COMPUTER SIMULATION. (PH.D. 1968 SAINT LOUIS UNIVERSITY) 161p. 29/08-B, p. 3111 BLE69-00367

MUELLER, MONTE RICHARD
SPATIAL BANDLIMITING EFFECTS IN OPTICAL DATA PROCESSORS. (PH.D. 1975 UNIVERSITY OF WASHINGTON) 154p. 37/02-B, p. 907 BLE76-17569

MUELLER, THOMAS EDWIN
OPTIMAL CONTROL OF LINEAR SYSTEMS WITH TIME LAG. (PH.D. 1965 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 46p. 26/05, p. 2651 BLE65-11839

MUELLER, THOMAS J.
TEEMAL: AN ADAPTIVE TRAINING PROCEDURE FOR A TWO LAYER SYSTEM OF LINEAR THRESHOLD ELEMENTS. (PH.D. 1973 OREGON STATE UNIVERSITY) 110p. 33/12-B, p. 5961 BLE73-12870

MUELLER, WENDELIN HENRY, III
COMPUTER-ASSISTED TEACHING OF STEEL DESIGN. (PH.D. 1972 UNIVERSITY OF MISSOURI - ROLLA) 259p. 34/01-B, p. 212 BLE73-17084

MUFTIC, SEAD
DESIGN AND OPERATIONS OF A SECURE COMPUTER SYSTEM. (PH.D. 1976 THE OHIO STATE UNIVERSITY) 197p. 37/05-B, p. 2376 BLE76-24657

MULDER, JIM
THE DEVELOPMENT AND APPLICATION OF PROPDEMM: A COMPUTER SIMULATION OF THE POLICY PROCESS IN WATER RESOURCES PLANNING. (PH.D. 1974 SYRACUSE UNIVERSITY) 318p. 35/11-A, p. 7369 BLE75-10562

MULDER, MICHAEL CARL
THE DESIGN OF A MATRIX-ORIENTED CELLULAR COMPUTER CAPABLE OF FAULT-TOLERANT OPERATION. (PH.D. 1970 MONTANA STATE UNIVERSITY) 328p. 31/09-B, p. 5368 BLE71-08109

MULES, WILLIAM CURRAN
A COMPARISON OF CONVENTIONAL MODES OF INTERPRETING STRONG VOCATIONAL INTEREST BLANK RESULTS TO MODES WHICH EMPLOY A COMPUTER GENERATED, PROSE INTERPRETATION. (ED.D. 1972 UNIVERSITY OF VIRGINIA) 74p. 33/04-A, p. 1445 BLE72-26287

MULL, PATRICIA ANN
A COMPARISON OF COMPUTER ASSISTED INSTRUCTION AND A PROGRAMMED WORKBOOK TO TEACH THE INITIAL TEACHING ALPHABET AND TRANSLITERATION TO INSERVICE TEACHERS. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 145p. 34/04-A, p. 1756 BLE73-24027

MULLEN, EILEEN MARY
A STUDY ON THE EFFECTS OF INDIVIDUALIZED LEARNING SYSTEMS ANALYSIS AND SYNTHESIS AND PRESCRIPTIVE PROGRAMMING FOR CHILDREN IN GRADE ONE. (ED.D. 1974 BOSTON UNIVERSITY SCHOOL OF EDUCATION) 137p. 35/09-A, p. 5932 BLE75-05512

MULLENS, LANNY JOE
THE DESIGN AND IMPLEMENTATION OF A MACHINE-INDEPENDENT GENERAL SYSTEM THEORETIC LANGUAGE. (PH.D. 1973 THE UNIVERSITY OF ARIZONA) 130p. 34/12-B, p. 5943 BLE74-12434

MULLER, KARL FREDERICK
A VARIABLE OPERATOR AND OTHER SECOND ORDER DYNAMIC OPTIMIZATION METHODS FOR OPTIMAL CONTROL COMPUTATION. (PH.D. 1970 SYRACUSE UNIVERSITY) 136p. 31/06-B, p. 3404 BLE70-24100

MULLER, RICHARD LOVELESS
CONFORMING TO THE COMPUTER: SOCIAL INFLUENCE IN COMPUTER-HUMAN INTERACTION. (PH.D. 1973 SYRACUSE UNIVERSITY) 151p. 34/10-A, p. 6456 BLE74-08287

MULLICK, SATINDER KUMAR
OPTIMAL DESIGN OF A STOCHASTIC SYSTEM WITH DOMINATING FIXED COSTS. (PH.D. 1965 THE JOHNS HOPKINS UNIVERSITY) 236p. 26/04, p. 2113 BLE65-10449

MULLINS, PETER LAKE
A SYSTEMS ANALYSIS APPROACH TO RESOURCE ALLOCATION FOR RESEARCH AND DEVELOPMENT ACTIVITIES. (PH.D. 1967 STANFORD UNIVERSITY) 294p. 28/11-A, p. 4318 BLE68-06466

MULLISA, GIRMA
OPTIMAL CONTROL OF SYNCHRONOUS MACHINE SYSTEMS VIA LINEAR PROGRAMMING. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 107p. 33/07-B, p. 3079 BLE73-00244

MULVIHILL, MICHAEL EDMUND
OPTIMAL TIMING AND SIZING OF A CONJUNCTIVE WATER SUPPLY AND WASTEWATER SYSTEM, USING NONLINEAR-PROGRAMMING. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 134p. 34/02-B, p. 697 BLE73-18641

MUNCASTER, RUSSELL WALTER
A MODEL FOR MIXED URBAN-PLACE HIERARCHIES: AN APPLICATION TO THE LONDON, ONTARIO URBAN-PLACE SYSTEM. (PH.D. 1972 CLARK UNIVERSITY) 136p. 33/03-B, p. 1153 BLE72-23537

MUNDRA, ANAND DAMODARDAS
INFORMATION PROCESSING AND REPRESENTATION FOR VISUAL FORM PERCEPTION. (PH.D. 1971 UNIVERSITY OF WASHINGTON) 232p. 32/11-B, p. 6345 BLE72-15124

MUNEERUDDIN, AHMED
THE STRUCTURE OF A DIGITAL SYSTEM DESIGN LANGUAGE. (PH.D. 1975 UNIVERSITY OF DENVER) 166p. 36/05-B, p. 2397 BLE75-23136

MUNGER, MICHAEL PAUL
COMPUTER SIMULATIONS OF HUMAN CONCEPT IDENTIFICATION. (PH.D. 1974 THE UNIVERSITY OF NEBRASKA - LINCOLN) 133p. 36/02-B, p. 949 BLE75-16917

MUNRO, MALCOLM CARLYLE
A COMPARISON OF THE DECISION ANALYSIS AND DATA ANALYSIS METHODS FOR DETERMINING MANAGEMENT'S INFORMATION NEEDS. (PH.D. 1975 UNIVERSITY OF MINNESOTA) 195p. 36/04-A, p. 2312 BLE75-21071

MUNSON, JOHN CHRISTIAN
CERTAIN ASPECTS OF THE PERFORMANCE OF MEMORYLESS NONLINEAR SYSTEMS. (PH.D. 1962 UNIVERSITY OF MARYLAND) 80p. 23/08, p. 2950 BLE63-01146

MURANO, KAZUO
THE OPTIMAL DESIGN OF PULSE COMMUNICATION SYSTEMS. (PH.D. 1972 PRINCETON UNIVERSITY) 208p. 33/05-B, p. 2085 BLE72-29810

MURAOKA, YOICHI
PARALLELISM EXPOSURE AND EXPLOITATION IN PROGRAMS. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 246p. 32/02-B, p. 879 BLE71-21189

MURPHY, DONALD WINSLOW
MODELS FOR THE SYNTHESIS OF LINEAR METALLIC OLIGOMERS. PART I: THE BIS(DIORGANOHALOTIN)TETRACARBONYLOSMIUM SYSTEM. PART II: THE ((3,3'-(TRIMETHYLENEDINITRILO)-DI-2-BUTANONE DIOXIMATO)(1-)RHODIUM SYSTEM. (PH.D. 1973 STANFORD UNIVERSITY) 117p. 33/12-B, p. 5716 BLE73-14947

MURPHY, GORDON JOHN
EXTENSION OF THE TRANSFER-FUNCTION CONCEPT TO CLASS II COMPENSATORS FOR AUTOMATIC CONTROL SYSTEMS. (PH.D. 1956 UNIVERSITY OF MINNESOTA) 81p. 16/06, p. 1119 BLE00-16560

MURPHY, JOHN EDGAR
SOME SPECIFIC SUGGESTIONS FOR THE USE OF A PORTABLE, ALGEBRAIC-LANGUAGE COMPUTER IN THE ANALYTIC GEOMETRY AND CALCULUS CLASSROOM. (PH.D. 1975 KANSAS STATE UNIVERSITY) 55p. 36/05-B, p. 2280 BLE75-26063

MURPHY, PATRICK WILLIAM
POINT-SPECTRA (EIGENVALUES) OF LINEAR FIRST-ORDER SYMMETRIC PARTIAL DIFFERENTIAL SYSTEMS. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 123p. 35/08-B, p. 4042 BLE75-01989

MURPHY, WILLIAM DAVID
NUMERICAL ANALYSIS OF BOUNDARY LAYER PROBLEMS. (PH.D. 1966 NEW YORK UNIVERSITY) 144p. 27/11-B, p. 4027 **BLE67-06044**

MURPHY, WILLIAM JOHN
OPTIMAL ADAPTIVE CONTROL OF LINEAR DISCRETE SYSTEMS. (D.SC. 1967 WASHINGTON UNIVERSITY) 94p. 28/02-B, p. 643 **BLE67-09390**

MURRAY, DANIEL MCCLURE
DOCUMENT RETRIEVAL BASED ON CLUSTERED FILES. (PH.D. 1972 CORNELL UNIVERSITY) 354p. 33/03-B, p. 1179 **BLE72-23662**

MURRAY, JOHN RALPH, III
THE PERFORMANCE AND ATTITUDINAL CONSEQUENCES OF UNPLANNED FRUSTRATION DUE TO PROGRAMMED LOOPS IN A COMPUTER ASSISTED COURSE IN INTRODUCTORY PSYCHOLOGY. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 163p. 33/08-B, p. 4005 **BLE73-02084**

MURRAY, RODERIC LAFAYETTE, III
A MODEL FOR CURRICULUM DEVELOPMENT IN CHRISTIAN EDUCATION USING SYSTEMS ANALYSIS. (D.DIV. 1971 VANDERBILT UNIVERSITY DIVINITY SCHOOL) 126p. 32/04-A, p. 2185 **BLE71-26140**

MURRAY, WILLIAM HENRY, III
DEVELOPMENT OF MACROSCOPIC CRYSTAL MODELS TO DEMONSTRATE DIFFRACTION TECHNIQUES USING MICROWAVE RADIATION, WITH ACCOMPANYING COMPUTER PROGRAMS AND LABORATORY INVESTIGATIONS. (ED.D. 1973 TEMPLE UNIVERSITY) 130p. 34/04-A, p. 1730 **BLE73-23349**

MURTHY, B.R. NARAYANA
OPTIMIZATION IN PCM, ADAPTIVE PCM AND DPCM SYSTEMS. (PH.D. 1969 PURDUE UNIVERSITY) 251p. 30/11-B, p. 5051 **BLE70-08932**

MUSGRAVE, GERALD L.
ECONOMIES OF SCALE IN COMPUTER CENTERS. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 125p. 34/03-A, p. 993 **BLE73-20362**

MUSSELMAN, EUGENE EATON, JR.
DIGITAL COMPUTER ANALYSIS OF THE MCFEE AXIAL SYSTEM ORTHOGONAL ELECTROCARDIOGRAM IN THE DOG WITH ACUTE COR PULMONALE. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 255p. 35/07-B, p. 3663 **BLE75-00379**

MUTHARASAN, RAJAKKANNU
DIRECT DIGITAL-CONTROL OF A CLASS OF DISTRIBUTED-PARAMETER SYSTEMS. (PH.D. 1973 DREXEL UNIVERSITY) 242p. 34/05-B, p. 2003 **BLE73-25535**

MUTSCHLER, EUGENE OTTO, III
AN INTEGRATED MODEL FOR COMPUTATIONAL PROCESSES. (PH.D. 1973 RICE UNIVERSITY) 147p. 34/03-B, p. 1067 **BLE73-21564**

MYERS, RICHARD LEE
APPLICATION OF CYCLIC VOLTAMMETRY TO A KINETIC STUDY OF THE IRON(III) OXALATE SYSTEM IN ACID SOLUTION, USING A DIGITAL DATA ACQUISITION SYSTEM. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 184p. 32/04-B, p. 2047 **BLE71-20682**

MYNC, LECH
STABILITY ANALYSIS OF SPATIALLY DEPENDENT NONLINEAR REACTOR SYSTEMS. (PH.D. 1975 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 106p. 36/05-B, p. 2428 **BLE75-23709**

N

NABORS, DONALD GENE
A COMPARATIVE STUDY OF ACADEMIC ACHIEVEMENT AND PROBLEM-SOLVING ABILITIES OF BLACK PUPILS AT THE INTERMEDIATE LEVEL IN COMPUTER-SUPPORTED INSTRUCTION AND SELF-CONTAINED INSTRUCTIONAL PROGRAMS. (PH.D. 1974 SAINT LOUIS UNIVERSITY) 104p. 36/06-A, p. 3241 **BLE75-26294**

NADEN, REX ALAN
DETECTION OF ANOMALOUS AIR POLLUTION SOURCES AND GUIDELINES FOR THE DESIGN OF SOURCE SURVEILLANCE SYSTEMS. (PH.D. 1971 RICE UNIVERSITY) 177p. 32/04-B, p. 2291 **BLE71-26328**

NADIG, GOPALAKRISHNA
GEOMETRICAL DYNAMICS OF CERTAIN NONLINEAR CONSERVATIVE SYSTEMS WITH TWO DEGREES-OF-FREEDOM. (PH.D. 1973 CORNELL UNIVERSITY) 119p. 33/12-B, p. 5864 **BLE73-14707**

NADIM, ASAAD
TESTING CYBERNETICS IN KHAN-EL-KHALILI: A STUDY OF ARABESQUE CARPENTERS. (PH.D. 1975 INDIANA UNIVERSITY) 641p. 37/01-A, p. 505 **BLE76-11457**

NADITCH, GERALD HARVEY
A SCATTERING VARIABLE APPROACH TO NONLINEAR SYSTEMS. (PH.D. 1973 SYRACUSE UNIVERSITY) 211p. 34/11-B, p. 5469 **BLE74-10166**

NADLER, ARNOLD DAVID
PLANNING THE EFFICIENT DELIVERY OF PRE-HOSPITAL EMERGENCY MEDICAL SERVICES: A SYSTEMS ANALYSIS. (PH.D. 1973 CORNELL UNIVERSITY) 313p. 34/11-A, p. 7382 **BLE74-10887**

NAGARAJAN, NATARAJAN
ON THE STABILITY OF A CLASS OF DISTRIBUTED-PARAMETER, NONLINEAR SAMPLED-DATA SYSTEMS. (PH.D. 1970 THE CATHOLIC UNIVERSITY OF AMERICA) 121p. 31/05-B, p. 2883 **BLE70-20047**

NAGEL, THOMAS SCOTT
A DESCRIPTIVE STUDY OF COGNITIVE AND AFFECTIVE VARIABLES ASSOCIATED WITH ACHIEVEMENT IN A COMPUTER-ASSISTED INSTRUCTION LEARNING SITUATION. (PH.D. 1969 MICHIGAN STATE UNIVERSITY) 91p. 30/12-A, p. 5286 **BLE70-09610**

NAGLE, HUBERT TROY, JR.
THE ORGANIZATION OF A SPECIAL-PURPOSE COMPUTER TO IMPLEMENT A GENERALIZED DIGITAL FILTER FOR SAMPLED-DATA CONTROL SYSTEMS. (PH.D. 1968 AUBURN UNIVERSITY) 142p. 29/03-B, p. 1009 **BLE68-13600**

NAGY, CHARLES FRANKLIN
OPERATIONS RESEARCH AND ITS POSSIBLE INFLUENCE ON ACCOUNTANCY. (PH.D. 1959 THE UNIVERSITY OF ALABAMA) 186p. 20/09, p. 3554 **BLE60-00281**

NAINES, JOSEPH BENJAMIN, JR.
MATHEMATICAL PROGRAMMING: MODERATION FUNCTIONS AND THE ANALOG COMPUTER. (PH.D. 1965 NORTHWESTERN UNIVERSITY) 171p. 26/06, p. 3378 **BLE65-12140**

NAJAF-ZADEH, KHALIL
REAL-TIME AND OPTIMAL POWER SYSTEM OPERATION TECHNIQUES. (PH.D. 1975 ILLINOIS INSTITUTE OF TECHNOLOGY) 157p. 36/09-B, p. 4629 **BLE75-30013**

NAKAJIMA, REIJI
INFINITE NORMAL FORMS FOR THE LAMBDA-CALCULUS AND SEMANTICS OF PROGRAMMING LANGUAGES. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 147p. 37/01-B, p. 338 **BLE76-16320**

NAKAMURA, MASAO
MATHEMATICAL ANALYSIS AND OPTIMIZATION OF HEALTH SERVICES SYSTEMS. (PH.D. 1972 THE JOHNS HOPKINS UNIVERSITY) 357p. 33/04-B, p. 1561 **BLE72-25001**

NAMKUNG, INJA
COMPUTER-ASSISTED INSTRUCTION IN HIGHER EDUCATION. (ED.D. 1975 THE UNIVERSITY OF TENNESSEE) 160p. 36/11-A, p. 7364 **BLE76-11074**

NANCE, JOHN BONNER
AN OPERATIONS RESEARCH STUDY OF THE FULLERTON JUNIOR COLLEGE AUDIO TUTORIAL SYSTEM. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 159p. 32/02-A, p. 676 **BLE71-21460**

NAPJUS, CHRIS NOLAN
DECLARER: A LEARNING BRIDGE-PLAYING PROGRAM WHICH GENERALIZES AND INFERS. (PH.D. 1969 UNIVERSITY OF WASHINGTON) 199p. 31/02-B, p. 630 **BLE70-14776**

NARASIMHA, MANTHRI S.
SOME OPTIMAL-CONTROL PROBLEMS IN DISTRIBUTED-PARAMETER SYSTEMS. (SC.D. 1968 WASHINGTON UNIVERSITY) 177p. 29/01-B, p. 150 **BLE68-10797**

NARASIMHAN, MANDAYAM A.
IMAGE DATA PROCESSING BY HADAMARD-HAAR TRANSFORM. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT ARLINGTON) 148p. 36/05-B, p. 2307 **BLE75-25308**

NARAYANA, V.V. DHRUVA
ANALOG COMPUTER SIMULATION OF THE RUNOFF CHARACTERISTICS OF AN URBAN WATERSHED. (PH.D. 1969 UTAH STATE UNIVERSITY) 174p. 30/08-B, p. 3634 **BLE70-02407**

NARAYANASAMY, RAMAKRISHNA
ON THE SYNTHESIS OF OPTIMUM MULTIVARIABLE SYSTEMS. (PH.D. 1963 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 76p. 24/12, p. 5297 **BLE64-06117**

NARDIZZI, LOUIS ROBERT
ANALYSIS AND SYNTHESIS OF DISCRETE-TIME SYSTEMS WITH CONTROL SIGNALS OF VARIABLE AMPLITUDE AND PULSE-WIDTH. (PH.D. 1967 UNIVERSITY OF SOUTHERN CALIFORNIA) 122p. 28/04-B, p. 1515 **BLE67-13036**

NARENDRA, PATRENAHALLI MARIAPPA
COMBINATORIAL PROBLEMS IN PATTERN RECOGNITION. (PH.D. 1975 PURDUE UNIVERSITY) 110p. 37/03-B, p. 1369 **BLE76-20489**

NARUD, JAN ARNE
THEORY OF NONLINEAR FEEDBACK SYSTEMS HAVING A MULTIPLE NUMBER OF FIRST-ORDER OPERATING POINTS AND ITS APPLICATION TO MILLIMICROSECOND COUNTING TECHNIQUES. (PH.D. 1955 STANFORD UNIVERSITY) 203p. 15/11, p. 2251 **BLE00-13276**

NASSI, ISAAC ROBERT
CONTROL STRUCTURE SEMANTICS FOR PROGRAMMING LANGUAGES. (PH.D. 1974 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 98p. 35/06-B, p. 2702 **BLE74-27820**

NATAUPSKY, MARK
A COMPUTER SIMULATION OF A LANGUAGE CONDITIONING OF ATTITUDE PARADIGM. (PH.D. 1974 UNIVERSITY OF HAWAII) 94p. 35/06-B, p. 3069 **BLE74-27686**

NAUGHER, JIMMIE R.
A SYSTEM FOR THE COLLECTION AND COMPUTER ANALYSIS OF SOCIOMETRIC DATA FOR RESEARCH AND CLASSROOM PURPOSES. (PH.D. 1975 NORTH TEXAS STATE UNIVERSITY) 259p. 36/12-A, p. 7957 **BLE76-13184**

NAUMES, WILLIAM
EFFECTS OF RESPONSIVE COMPUTER INTERACTION IN THE STRATEGIC PLANNING PROCESS. (PH.D. 1971 STANFORD UNIVERSITY) 124p. 32/10-A, p. 5416 **BLE72-11628**

NAYAK, SANTOSH
DESIGN AND IMPLEMENTATION OF MINIMUM-TIME COMPUTER CONTROL SCHEMES FOR START-UP OF A DOUBLE EFFECT EVAPORATOR. (PH.D. 1974 THE UNIVERSITY OF FLORIDA) 224p. 35/06-B, p. 2728 **BLE74-27663**

NAYLOR, ARCH WAUGH
A STUDY OF FORCED OSCILLATIONS IN A CLASS OF NTH-ORDER NONLINEAR FEEDBACK SYSTEMS. (PH.D. 1960 THE UNIVERSITY OF MICHIGAN) 253p. 21/08, p. 2227 **BLE60-06912**

NAZAR, STEPAN
DYNAMIC DECOUPLING OF A CLASS OF NONLINEAR SYSTEMS. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 80p. 33/06-B, p. 2613 **BLE72-32622**

NEAL, RODNEY DANIEL
A STUDY OF THE EFFECTS OF PROCEDURAL ELABORATION ON THE SUCCESS OF OR/MS (OPERATIONS RESEARCH/MANAGEMENT SCIENCE) GROUPS UNDER VARYING BEHAVIORAL AND ENVIRONMENTAL CIRCUMSTANCES. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 262p. 33/06-A, p. 2569 **BLE72-32623**

NEAL, ROBERT DALE
APPLICATION OF OPTIMAL CONTROL THEORY TO LASER HEATING OF A PLASMA IN A SOLENOIDAL MAGNETIC FIELD. (PH.D. 1975 UNIVERSITY OF WASHINGTON) 189p. 37/02-B, p. 803 **BLE76-17576**

NEAT, CHARLIE EDMUND
A NEW COMPUTER CRYPTOGRAPHY: THE EXPANDED CHARACTER SET (ECS) CIPHER. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 325p. 36/08-B, p. 4072 **BLE76-03048**

NECCO, CHARLES ROBERT
AN INVESTIGATION OF THE FEASIBILITY OF TEACHING MATERIAL FROM AN INTRODUCTORY COURSE IN OPERATIONS RESEARCH ON THE PLATO COMPUTER-BASED EDUCATIONAL SYSTEM. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 337p. 34/02-A, p. 466 **BLE73-17340**

NEEDLER, MARVIN ARTHUR
LINEAR AND NONLINEAR DISCRETE FILTERING FOR CONTINUOUS SYSTEMS. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 84p. 32/03-B, p. 1575 **BLE71-23221**

NEELY, RICHARD BRUCE
ON THE USE OF SYNTAX AND SEMANTICS IN A SPEECH UNDERSTANDING SYSTEM. (PH.D. 1973 STANFORD UNIVERSITY) 120p. 34/06-B, p. 2561 **BLE73-30453**

NEELY, WALTER POOLE
A MATHEMATICAL PROGRAMMING APPROACH TO PUBLIC WATER PROJECT PORTFOLIO SELECTION. (PH.D. 1974 UNIVERSITY OF GEORGIA) 171p. 35/08-A, p. 4836 **BLE75-02633**

NEFF, GALE NORMAN
THE DESIGN, DEVELOPMENT AND TESTING OF AN EXPERIMENTAL INDIVIDUALIZED LEARNING SYSTEM. (ED.D. 1973 OREGON STATE UNIVERSITY) 137p. 33/08-A, p. 4260 **BLE73-03979**

NEGEV, MOSHE
A SEDIMENT MODEL ON A DIGITAL COMPUTER. (PH.D. 1967 STANFORD UNIVERSITY) 122p. 28/03-B, p. 981 **BLE67-11056**

NEGRO, JAMES EUGENE
ON OPTIMUM QUANTIZATION IN DISCRETE-DATA SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 206p. 33/07-B, p. 3079 **BLE72-23763**

NELSON, BYRON BRIGHTWELL, JR.
THE CONVERSION OF A UNIT RECORD DATA PROCESSING SYSTEM TO A COMPUTER DATA PROCESSING SYSTEM FOR SCHOOL BUSINESS APPLICATIONS. (ED.D. 1965 GEORGE PEABODY COLLEGE FOR TEACHERS) 161p. 26/11, p. 6479 **BLE66-04975**

NELSON, DENNIS BRUCE
RANDOM-VIBRATION TEST CONTROL USING THE DIGITAL COMPUTER AND THE DISCRETE FOURIER TRANSFORM. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, DAVIS) 147p. 35/06-B, p. 2778 **BLE74-29331**

NELSON, DON JEROME
A FOUNDATION FOR THE ANALYSIS OF ANALOG-ORIENTED COMBINED COMPUTER SYSTEMS. (PH.D. 1962 STANFORD UNIVERSITY) 177p. 23/06, p. 2063 **BLE62-05503**

NELSON, EDWARD CLARK
RESOURCE ALLOCATION FOR FREE-RUNNING AND RESOURCE-LIMITED PROGRAM GRAPHS. (PH.D. 1974 STANFORD UNIVERSITY) 120p. 34/12-B, p. 5944 **BLE74-13666**

NELSON, GARY LEE
PART I: ANTON WEBERN'S "FIVE CANONS," OPUS 16: A TEST CASE FOR COMPUTER-AIDED ANALYSIS AND SYNTHESIS OF MUSICAL STYLE. PART II: "DOUBLE QUARTET." (ORIGINAL COMPOSITION). (PH.D. 1974 WASHINGTON UNIVERSITY) 237p. 35/04-A, p. 2324 **BLE74-22538**

NELSON, NILES HERBERT
A DESIGN FOR THE PREPARATION OF FOOTBALL SCOUTING REPORTS BY USING DATA PROCESSING TECHNIQUES. (PH.D. 1968 THE FLORIDA STATE UNIVERSITY) 227p. 30/02-A, p. 589 **BLE69-11316**

NELSON, WILLIAM
STABILITY OF A NON-LINEAR SYSTEM OF INTEGRO-DIFFERENTIAL EQUATIONS FROM STABILITY OF A NONLINEAR SYSTEM OF INTEGRO-DIFFERENTIAL EQUATIONS FROM. (PH.D. 1971 PURDUE UNIVERSITY) 72p. 31/08-B, p. 4855 **BLE71-02657**

NELSON, WILLIAM FELDEN
A HISTORICAL, CRITICAL AND EXPERIMENTAL STUDY OF THE FUNCTION OF 'TOPOI' IN HUMAN INFORMATION RETRIEVAL. (PH.D. 1969 THE PENNSYLVANIA STATE UNIVERSITY) 79p. 31/02-A, p. 849 **BLE70-13865**

NELSON, WILLIAM GEORGE
A NUMERICAL ANALYSIS OF ICE FOG PRODUCED BY AUTOMOBILES. (PH.D. 1973 OREGON STATE UNIVERSITY) 155p. 33/09-B, p. 4296 **BLE73-07842**

NELSON, WINSTON L.
PULSE WIDTH CONTROL OF SAMPLED DATA SYSTEMS. (PH.D. 1959 COLUMBIA UNIVERSITY) 157p. 20/09, p. 3680 **BLE60-00019**

NEMEREVER, LEON
ON THE CONVERGENCE OF FINITE DIFFERENCE APPROXIMATIONS TO THE SOLUTION OF SYSTEMS OF QUASI-LINEAR HYPERBOLIC PARTIAL DIFFERENTIAL EQUATIONS WITH SINGULAR COEFFICIENTS. (PH.D. 1953 NEW YORK UNIVERSITY) 53p. S0146, **BLE73-22296**

NEMHAUSER, GEORGE LANN
A DYNAMIC PROGRAMMING APPROACH FOR OPTIMAL DESIGN AND OPERATION OF MULTISTAGE SYSTEMS IN THE PROCESS INDUSTRIES. (PH.D. 1961 NORTHWESTERN UNIVERSITY) 97p. 22/09, p. 3135 **BLE62-00066**

NEMICKAS, BRONIUS
GEOHYDROLOGIC DIGITAL COMPUTER SIMULATION MODEL OF THE WENONAH - MOUNT LAUREL AQUIFER SYSTEM IN THE COASTAL PLAIN OF NEW JERSEY. (PH.D. 1975 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 153p. 36/05-B, p. 2130 **BLE75-24729**

NESS, DOUGLAS JAMES
DOMAINS OF ATTRACTION FOR MONOFREQUENT OSCILLATIONS IN WEAKLY- NONLINEAR DYNAMICAL SYSTEMS. (PH.D. 1969 UNIVERSITY OF MINNESOTA) 225p. 30/10-B, p. 4645 **BLE70-06592**

NESBETT, DANNY MICHAEL
SOME DESIGN AND ALLOCATION PROBLEMS FOR DYNAMICALLY MICROPROGRAMMABLE MULTIPROCESSOR SYSTEMS. (PH.D. 1974 WASHINGTON STATE UNIVERSITY) 153p.
35/01-B, p. 181 BLE74-16386

NETTER, MILTON ANTONE, JR.
CRITICAL PATH ANALYSIS OF REPETITIVE MAN-MACHINE SYSTEM OPERATION. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 151p.
30/05-B, p. 2194 BLE69-18069

NEUGROSCHL, ERNST J.
COMPUTER CONTROL OF AN ACTIVATED SLUDGE TREATMENT PLANT. (PH.D. 1964 CASE WESTERN RESERVE UNIVERSITY) 180p.
24/10, p. 4135 BLE64-00033

NEUHARDT, JOHN BERNARD
APPLICATION OF MATHEMATICAL PROGRAMMING TO THE SELECTION OF EXPERIMENTAL FACTOR ARRANGEMENTS WITH RESOURCE CONSTRAINTS. (PH.D. 1967 THE UNIVERSITY OF MICHIGAN) 114p.
28/07-B, p. 2861 BLE67-17821

NEWELL, MARTIN EDWARD
THE UTILIZATION OF PROCEDURE MODELS IN DIGITAL IMAGE SYNTHESIS. (PH.D. 1975 UNIVERSITY OF UTAH) 109p. 36/07-B, p. 3477 BLE75-29894

NEWEY, MALCOLM CHARLES
FORMAL SEMANTICS OF LISP WITH APPLICATIONS TO PROGRAM CORRECTNESS. (PH.D. 1975 STANFORD UNIVERSITY) 183p. 35/12-B, p. 5847 BLE75-13564

NEWLANDS, DAVID MICHAEL
THE KALMUS PROCESSOR–ANALYSIS AND APPLICATIONS TO RADAR. (PH.D. 1971 THE UNIVERSITY OF FLORIDA) 211p.
32/10-B, p. 5800 BLE72-12964

NEWLIN, BRUCE CHARLES
PROPORTIONAL REPRESENTATION AND THE WINTON ACT: A FUNCTIONAL SYSTEMS ANALYSIS. (ED.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 140p. 32/11-A, p. 6058 BLE72-13636

NEWMAN, BERNARD H.
THE CHANGING FIELD OF INTERNAL ACCOUNTING WITH PARTICULAR PREFERENCE TO THE IMPACT OF AUTOMATIC DATA PROCESSING, 1954 TO 1965. (PH.D. 1966 NEW YORK UNIVERSITY) 270p.
27/11-A, p. 3632 BLE67-04902

NEWMAN, J. RICHARD
AN INVESTIGATION INTO MULTI-LEVEL PROGRAM ABSTRACTIONS FOR A SYSTEMATIC PICTURE PROGRAMMING LANGUAGE. (PH.D. 1976 UNIVERSITY OF SOUTHWESTERN LOUISIANA) 158p.
37/05-B, p. 2378 BLE76-23970

NEWMAN, MAURICE STANLEY
STATISTICAL ESTIMATION OF COMPUTER-BASED INVENTORIES. (PH.D. 1972 NEW YORK UNIVERSITY, GRADUATE SCHOOL OF BUSINESS ADMINISTRATION) 103p.
33/01-A, p. 3 BLE72-19532

NEWMAN, MICHAEL JOHN
DEVELOPMENT OF A COMPUTER CODE FOR THE CALCULATION OF STELLAR EVOLUTION, WITH APPLICATIONS TO SOLAR MODELS OF LOW NEUTRINO FLUX. (PH.D. 1975 RICE UNIVERSITY) 165p. 36/04-B, p. 1771 BLE75-22060

NEWMARK, JOSEPH
VISUAL INFORMATION PROCESSING (THE EFFECT OF DISPLAY TIME AND WORD LENGTH ON SEQUENTIAL-BLANKING). (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 115p.
34/02-B, p. 897 BLE73-19399

NGUYEN, LONG VO
PROJECTION-BASED METHODS FOR SOLVING SYSTEMS OF N NONLINEAR EQUATIONS IN N UNKNOWNS. (PH.D. 1975 IOWA STATE UNIVERSITY) 74p. 36/05-B, p. 2354 BLE75-25345

NICASTRO, JOSEPH S.
PROJECT ABLE: AN APPLICATION OF MILITARY INSTRUCTIONAL SYSTEMS DEVELOPMENT TO SECONDARY VOCATIONAL EDUCATION. (ED.D. 1973 UNIVERSITY OF MASSACHUSETTS) 234p.
34/10-A, p. 6535 BLE73-32167

NICHOLLS, ROBERT EDWARD
PERFORMANCE BOUNDS FOR NONLINEAR PULSE MODULATION SYSTEMS. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 164p.
30/09-B, p. 4136 BLE70-04164

NICHOLS, LEONARD FRANK
THE APPLICATION OF PONTRYAGIN'S MAXIMUM PRINCIPLE TO THE MINIMUM TIME PROBLEM FOR RELAY CONTROL SYSTEMS. (PH.D. 1963 STEVENS INSTITUTE OF TECHNOLOGY) 142p.
24/03, p. 1188 BLE63-06983

NICHOLS, WILLIAM GARDINER
STOCHASTIC DIFFERENTIAL GAMES AND CONTROL THEORY. (PH.D. 1971 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 171p.
32/07-B, p. 4288 BLE72-04130

NICHOLSON, VINCENT JOHN
INTERACTIVE COMPUTER PROGRAMMING SYSTEMS WITH SYNTAX ERROR PREVENTION AND TWO DIMENSIONAL NOTATION. (PH.D. 1970 STANFORD UNIVERSITY) 107p. 31/11-B, p. 6563 BLE71-12962

NICKLAS, JOHN CARL
PREDICTOR CONTROL OF A SECOND- AND THIRD-ORDER NONLINEAR SYSTEM. (PH.D. 1960 PURDUE UNIVERSITY) 212p. 21/05, p. 1157 BLE60-04198

NIEBAUM, ELDON JEROME
DESIGN AND COMPLETE DEFINITION OF A SYSTEMS PROGRAMMING LANGUAGE FOR DATA-COMMUNICATIONS. (PH.D. 1973 IOWA STATE UNIVERSITY) 111p. 34/04-B, p. 1465 BLE73-25242

NIEHAUS, RICHARD JOSEPH
THE APPLICATION OF COMPUTER-ASSISTED MULTI-LEVEL MANPOWER PLANNING MODELS IN THE FEDERAL GOVERNMENT. (D.B.A. 1972 THE GEORGE WASHINGTON UNIVERSITY) 183p.
33/06-A, p. 3871 BLE73-03848

NIELSEN, ELWIN CHARLES
FACTOR ANALYSIS OF A BIOGRAPHICAL INFORMATION INVENTORY. (PH.D. 1963 UNIVERSITY OF UTAH) 159p. 24/07, p. 2878 BLE63-06853

NIELSEN, JACK GLASGOW
A MODEL OF COST ESTIMATION FOR ESTABLISHING COMPUTER ASSISTED INSTRUCTION IN PUBLIC SCHOOL DISTRICTS. (PH.D. 1971 THE UNIVERSITY OF IOWA) 131p. 32/06-A, p. 2362 BLE71-30473

NIELSEN, NORMAN RUSSELL
THE ANALYSIS OF GENERAL PURPOSE COMPUTER TIME-SHARING SYSTEMS. (PH.D. 1967 STANFORD UNIVERSITY) 380p. 27/12-A, p. 3982 BLE67-07862

NIEMAN, TIMOTHY ALAN
DEVELOPMENT, CHARACTERIZATION, AND APPLICATIONS OF A COMPUTER-CONTROLLED SILICON VIDICON SPECTROMETER. (PH.D. 1975 MICHIGAN STATE UNIVERSITY) 295p.
36/09-B, p. 4428 BLE76-05614

NIEMANN, ROBERT ARTHUR
VARIABLE TIME OPTIMAL CONTROL. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 106p.
27/11-B, p. 3903 BLE67-06186

NIEMCZYK, THOMAS MICHAEL
A COMPUTER-INTERFACED FOURIER TRANSFORM SPECTROMETER WITH APPLICATIONS TO SOME ASPECTS OF SOLID-STATE SPECTROSCOPY. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 141p.
34/03-B, p. 1022 BLE73-20386

NIEMELA, REINO JOHN, JR.
VARIABLE STRUCTURE SYSTEM MODEL OF AN ADAPTIVE MAN-MACHINE PROCESS. (PH.D. 1973 UNIVERSITY OF PENNSYLVANIA) 126p.
34/12-B, p. 5998 BLE74-14114

NIEMI, LEO
ELECTRONIC DATA PROCESSING AND ITS IMPLICATIONS FOR THE COLLEGIATE BUSINESS CURRICULUM. (PH.D. 1959 THE OHIO STATE UNIVERSITY) 234p. 20/10, p. 3982 BLE60-01206

NIEMI, RAYNO DAVID
A NUMERICAL ALGORITHM TO SOLVE QUADRATICALLY CONSTRAINED QUADRATIC PROGRAMS. (PH.D. 1973 RENSSELAER POLYTECHNIC INSTITUTE) 107p. 33/09-B, p. 4235 BLE73-07400

NIKRAVESH, SEID KAMALEDDIN YADAVAR
LIAPUNOV STABILITY ANALYSIS OF THYRISTOR INVERTER SYSTEM. (PH.D. 1973 UNIVERSITY OF MISSOURI - COLUMBIA) 109p.
35/02-B, p. 829 BLE74-18606

NILES, JAMES ALFRED
ANALYSIS OF SYSTEMS OF COORDINATING AGRICULTURAL PRODUCTION AND PROCESSING OPERATIONS WITH SPECIAL REFERENCE TO BEET SUGAR SCHEDULING. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, DAVIS) 289p.
34/02-A, p. 488 BLE73-19089

NILSSON, WARREN DANIEL
TESTING A COMPLEX, REAL-TIME MANAGEMENT INFORMATION SYSTEM. (PH.D. 1973 OKLAHOMA STATE UNIVERSITY) 158p.
34/10-B, p. 4976 BLE74-08090

NIRSCHL, JOSEPH P.
ORTHOGONAL COLLOCATION ANALYSIS OF VISCOELASTIC FLUID FLOW IN THE DISK AND CYLINDER SYSTEM. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 259p.
32/10-B, p. 5768 BLE72-04293

NISHINO, HIROSHI HERBERT
A THEORY FOR THE SYSTEM DESIGN OF MULTIPROCESSOR COMPUTERS. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 192p.
31/03-B, p. 1225 BLE70-16192

NISSAN, SAMIR ISMAIL
THE ADAPTATION OF MANAGEMENT SYSTEMS OF COMMERCIAL BANKS TO COMPUTER TECHNOLOGY: A CASE STUDY. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 281p.
32/08-A, p. 4186 BLE72-07016

NIXON, JOHN EDWARD
AN EVALUATION OF THE EFFECTS OF EXTERNAL PRIORITIES ON OPTIMAL SCHEDULING OF LARGE SCALE COMPUTER SYSTEMS. (D.B.A. 1974 ARIZONA STATE UNIVERSITY) 129p.
35/07-A, p. 3984 BLE75-00005

NIXON, JOSEPH ELTON
THE UTILIZATION OF ELECTRO-MECHANICAL AND ELECTRONIC DATA PROCESSING EQUIPMENT IN SELECTED PUBLIC SECONDARY SCHOOLS. (ED.D. 1967 TEMPLE UNIVERSITY) 241p.
28/10-A, p. 3944 BLE68-04517

NOAD, CHARLES EDWIN ADRIAN
A SYSTEMS APPROACH TO ANALYZING CONSUMER BEHAVIOR: THE DEVELOPMENT AND APPLICATION OF A HIERARCHICAL INTEGRATIVE RESEARCH METHODOLOGY. (PH.D. 1973 UNIVERSITY OF PENNSYLVANIA) 340p.
34/08-B, p. 3963 BLE74-02436

NOETZEL, ANDREW SIGMUND
THE DESIGN OF A META-SYSTEM FOR MEASUREMENT AND SIMULATION OF TIME-SHARING COMPUTERS. (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 292p.
32/01-B, p. 230 BLE71-19267

NOLAN, PAUL STEVEN
COMPUTER ANALYSIS OF SOLID-PHASE KINETICS: THE DEHYDRATION OF SOME NICKEL(II) COMPLEXES. (PH.D. 1973 UNIVERSITY OF NEVADA, RENO) 131p.
34/03-B, p. 1033 BLE73-21206

NOLEN, JAMES HENRY
DEVELOPMENT OF A PROGRAMMING LANGUAGE FOR MULTISTAGE OPTIMIZATION. (PH.D. 1969 TEXAS A&M UNIVERSITY) 194p.
30/12-B, p. 5511 BLE70-11864

NOLLE, FLOYD MARTIN
ARGUS, A CLINICAL COMPUTER SYSTEM FOR MONITORING ELECTROCARDIOGRAPHIC RHYTHMS. (SC.D. 1972 WASHINGTON UNIVERSITY) 213p.
33/11-B, p. 5291 BLE73-11822

NOMURA, KUNIHIKO
STOCHASTIC MODELS FOR SYSTEMS OF MULTIPLE INTEGRATED PROCESSORS. (PH.D. 1974 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 133p. 35/06-B, p. 2702 BLE74-26918

NOONAN, ROBERT EDWARD
COMPUTER PROGRAMMING WITH A DYNAMIC ALGEBRA. (PH.D. 1971 PURDUE UNIVERSITY) 176p.
32/06-B, p. 3299 BLE72-01925

NOONBURG, VIRGINIA WALBRAN
A NONLINEAR SYSTEM OF DIFFERENTIAL-DIFFERENCE EQUATIONS. (PH.D. 1967 CORNELL UNIVERSITY) 89p. 28/08-B, p. 3386 BLE68-00887

NORDLUND, WILLIS JOHN
AN INVESTIGATION OF THE ECONOMIC IMPACT OF COMPUTER-ASSISTED PLACEMENT SYSTEMS. (PH.D. 1972 UNIVERSITY OF UTAH) 547p.
33/07-A, p. 3108 BLE72-33297

NORDSTROM, PAUL ERIC
A NATURAL RESOURCE ANALYSIS SYSTEM FOR OUTDOOR RECREATION. (PH.D. 1972 MONTANA STATE UNIVERSITY) 151p.
33/09-B, p. 4060 BLE73-02638

NORTHCRAFT, LARRY PHILLIP
A SYSTEMS APPROACH TO THE ECONOMIC CONTROL OF THE PRODUCT MIX OF A MULTI-PRODUCT, MULTI-FACILITY FIRM. (PH.D. 1975 ARIZONA STATE UNIVERSITY) 721p.
36/04-B, p. 1868 BLE75-22834

NORTHOUSE, RICHARD ALLEN
DYNAMIC SCHEDULING OF LARGE DIGITAL COMPUTER SYSTEMS USING ADAPTIVE CONTROL AND CLUSTERING TECHNIQUES. (PH.D. 1972 PURDUE UNIVERSITY) 174p. 33/02-B, p. 719 BLE72-21247

NORTON, JAN ALEXANDER
PERFORMANCE OF A COMPUTER CONTROLLED "OPTIMUM SWITCHED" SYSTEM IN THE PRESENCE OF NOISE. (PH.D. 1966 PRINCETON UNIVERSITY) 690p. 27/11-B, p. 3940 BLE67-05743

NORTON, WILLIAM HILL
COMPUTER ANALYSIS OF READABILITY FACTORS. (PH.D. 1973 THE UNIVERSITY OF IOWA) 165p.
34/09-A, p. 5727 BLE74-07414

NOTON, DAVID
TWO MODELS OF THE BRAIN, WITH APPLICATIONS TO ARTIFICIAL INTELLIGENCE. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, BERKELEY) 147p.
31/12-B, p. 7260 BLE71-09882

NOTT, HOWARD DOUGLAS
SLED: SIMPLIFIED LANGUAGE FOR ENGINEERING DESIGN. A COMPUTERIZED SYSTEM FOR THE DESIGN OF CHEMICAL PROCESSES. (VOLUMES I AND II). (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 646p. 32/07-B, p. 3918 BLE72-04945

NOURAI, FARHAD
A UNIVERSAL FOUR-STATE CELLULAR MODEL. (PH.D. 1973 UNIVERSITY OF SOUTHERN CALIFORNIA) 138p. 33/12-B, p. 5769 BLE73-14428

NOVACK, BARRY BERNARD
NUMERICAL ANALYSIS OF HIGH MACH NUMBER SLIP FLOW. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 143p. 32/02-B, p. 890 BLE71-21483

NOVACK, ROGER SCOTT
THE APPLICABILITY OF MODERN OPTIMAL CONTROL THEORY TO INDUSTRIAL AUTOMATIC CONTROL SYSTEMS. (PH.D. 1971 PURDUE UNIVERSITY) 204p.
32/06-B, p. 3362 BLE72-01928

NOVAK, LESLIE MICHAEL
THE DESIGN OF AN OPTIMAL OBSERVER FOR LINEAR DISCRETE-TIME DYNAMICAL SYSTEMS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 114p.
32/02-B, p. 944 BLE71-21334

NOVOSAD, JOHN PETER
IMPLICATIONS OF COMPUTER TECHNOLOGY FOR INDUSTRIAL EDUCATION. (ED.D. 1971 WAYNE STATE UNIVERSITY) 308p. 32/05-A, p. 2457 BLE71-29776

NOVY, EUGENE
MATHEMATICAL SOLUTION TECHNIQUES FOR A CLASS OF ZERO/ONE INTEGER PROGRAMMING PROBLEMS WHICH APPLY TO THE BLOCK CODING PROBLEM. (PH.D. 1970 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 263p.
31/09-B, p. 5494 BLE71-06101

NOWLIN, ROBERT WINSTON
EFFECTIVE COMPUTER ARCHITECTURE FOR MICROPROGRAMMED MACHINES. (PH.D. 1975 TEXAS TECH UNIVERSITY) 182p.
37/02-B, p. 907 BLE76-17759

NUCKOLS, WILLIAM HENRY
A GOALS SATISFACTION APPRAISAL OF THE VENTURA REGIONAL EDUCATIONAL DATA PROCESSING CENTER. (ED.D. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 145p.
33/04-A, p. 1376 BLE72-26046

NUESSE, DAVID ALLAN
THE EFFECTIVENESS OF THE USE OF A COMPUTER AS A TEACHING TOOL IN THE LEARNING OF SELECTED CONCEPTS OF SYMBOLIC LOGIC BY COLLEGE FRESHMEN STUDENTS IN MATHEMATICS. (PH.D. 1975 GEORGE PEABODY COLLEGE FOR TEACHERS) 322p. 36/04-B, p. 1757 BLE75-22284

NUNAMAKER, JAY FRANK, JR.
ON THE DESIGN AND OPTIMIZATION OF INFORMATION PROCESSING SYSTEMS. (PH.D. 1969 CASE WESTERN RESERVE UNIVERSITY) 284p.
30/10-B, p. 4705 BLE70-04964

NURRE, GERALD STEPHEN
THE APPLICATION OF Z-TRANSFORM THEORY TO THE ANALYSIS OF SWITCHED-TYPE NONLINEAR SYSTEMS. (SC.D. 1963 UNIVERSITY OF VIRGINIA) 113p. 24/06, p. 2401 BLE64-00683

NUTT, GARY JAMES
THE FORMULATION AND APPLICATION OF EVALUATION NETS. (PH.D. 1972 UNIVERSITY OF WASHINGTON) 181p.
33/08-B, p. 3597 BLE73-03765

NUTTALL, HERBERT ERICKSEN, JR.
COMPUTER SIMULATION OF STEADY-STATE AND DYNAMIC CRYSTALLIZERS. (PH.D. 1971 THE UNIVERSITY OF ARIZONA) 153p.
32/03-B, p. 1537 BLE71-24370

NWEKE, FELIX IZU
A SYSTEMS ANALYSIS AND SIMULATION STUDY OF NIGERIAN FORESTRY SECTOR: WOOD CONSUMPTION COMPONENT. (PH.D. 1975 MICHIGAN STATE UNIVERSITY) 309p.
36/12-A, p. 6201 BLE76-12501

NYLIN, WILLIAM CARL, JR.
STRUCTURAL REORGANIZATION OF MULTIPASS COMPUTER PROGRAMS. (PH.D. 1972 PURDUE UNIVERSITY) 225p. 33/06-B, p. 2557 BLE72-30950

O

OBENSHAIN, KATHRYN GARLAND
AN INFORMATION-PROCESSING APPROACH TO THE ASSESSMENT OF CREATIVE ABILITY IN COLLEGE MUSIC MAJORS. (ED.D. 1974 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 106p.
35/06-A, p. 2777 **BLE74-23819**

OBI, GODWIN UKACHUKWU
PLANNING AND INVESTMENT IN NIGERIAN UNIVERSITY EDUCATION: A CASE STUDY OF THE COOPERATIVE EDUCATION PLAN, A SYSTEM ANALYSIS APPROACH. (PH.D. 1973 UNIVERSITY OF COLORADO AT BOULDER) 460p.
34/07-A, p. 3920 **BLE73-32573**

O'BRIEN, JAMES A., JR.
THE IMPACT OF ELECTRONIC DATA PROCESSING ON COMMERCIAL BANKS. (D.B.A. 1966 UNIVERSITY OF OREGON) 277p. 27/10-A, p. 3205 **BLE67-01873**

O'BRIEN, VINCENT EDWARD
A COMPUTER-SIMULATED ENVIRONMENTAL MODEL FOR BRANCH PLANNING BY COMMERCIAL BANKS. (D.B.A. 1973 HARVARD UNIVERSITY) 316p.
34/10-A, p. 6190 **BLE74-09043**

O'BRIEN, WILLIAM RICHARD
A COST-EFFECTIVENESS APPROACH TO ANALYSIS OF THE PROCESS OF ALLOCATING SCARCE MANPOWER RESOURCES TO PERFORM GENERAL SYSTEMS ENGINEERING AND TECHNICAL DIRECTION. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 248p.
32/11-A, p. 5951 **BLE72-15268**

O'CONNELL, WILLIAM B., JR.
AN INVESTIGATION OF THE VALUE OF EXPOSING SLOW-LEARNER NINTH YEAR MATHEMATICS PUPILS TO A RELATIVELY SHORT COMPUTER EXPERIENCE. (ED.D. 1973 THE UNIVERSITY OF ROCHESTER) 67p.
34/01-A, p. 124 **BLE73-14846**

O'CONNOR, JOEL STURGES
THE DEVELOPMENT OF AN INFORMATION RETRIEVAL CENTER FOR THE AQUATIC SCIENCES. (PH.D. 1965 UNIVERSITY OF RHODE ISLAND) 119p.
26/04, p. 2230 **BLE65-11251**

O'CONNOR, THOMAS JOSEPH
ANALYSIS OF A COMPUTER TIME-SHARING SYSTEM: A SIMULATION STUDY. (PH.D. 1965 STANFORD UNIVERSITY) 147p. 26/07, p. 3878 **BLE65-12827**

OESTREICHER, DONALD RICHARD
AUTOMATIC PRINTED CIRCUIT BOARD DESIGN. (PH.D. 1972 UNIVERSITY OF UTAH) 128p.
33/03-B, p. 1084 **BLE72-23274**

OFFENSEND, FRED LEWIS
DESIGN, CONTROL, AND EVALUATION OF INPATIENT NURSING SYSTEMS. (PH.D. 1971 STANFORD UNIVERSITY) 189p. 32/03-B, p. 1677 **BLE71-23541**

O'GRADY, EMMETT PEARSE
DESIGN, TEST, AND APPLICATION OF A HYBRID COMPUTER INTERFACE. (PH.D. 1969 THE UNIVERSITY OF ARIZONA) 188p.
30/03-B, p. 1136 **BLE69-14188**

OGUS, ROY CHARLES
DESIGN AND EVALUATION OF ULTRA-RELIABLE HYBRID REDUNDANT DIGITAL SYSTEMS. (PH.D. 1975 STANFORD UNIVERSITY) 200p.
35/12-B, p. 5893 **BLE75-13569**

O'HAGAN, MICHAEL
COMPUTATIONAL SOLUTION OF CONSTRAINED OPTIMAL CONTROL PROBLEMS. (PH.D. 1967 STANFORD UNIVERSITY) 443p.
28/03-A, p. 869 **BLE67-11056**

OHAP, RICHARD FRANK
ADAPTIVE MINIMUM VARIANCE ESTIMATION IN DISCRETE LINEAR SYSTEMS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 105p.
32/06-B, p. 3362 **BLE72-01498**

O'HARA, JAMES STUART
INDUSTRIAL ARTS TEACHING-LEARNING UNIT GUIDELINES DEVELOPMENT BASED ON "EDUCATIONAL SYSTEMS DESIGN." (ED.D. 1972 WEST VIRGINIA UNIVERSITY) 174p.
33/11-A, p. 6154 **BLE73-12943**

O'HERN, WAYNE LAVERNE, JR.
SYSTEM OPERATIONAL ANALYSIS OF THE FEASIBILITY OF SPACEBORNE LASER COMMUNICATIONS. (PH.D. 1973 TEXAS A&M UNIVERSITY) 298p. 34/12-B, p. 5999 **BLE74-13093**

OHKUBO, KATSUHIKO
GROUND-TERMINAL OPTIMIZATION AND SYSTEM COST/PERFORMANCE ANALYSIS FOR SATELLITE TV (TELEVISION) BROADCASTING. (PH.D. 1972 STANFORD UNIVERSITY) 161p.
33/08-B, p. 3653 **BLE73-04568**

OHLANDER, RONALD BERT
ANALYSIS OF NATURAL SCENES. (PH.D. 1975 CARNEGIE-MELLON UNIVERSITY) 253p.
36/03-B, p. 1315 **BLE75-19858**

OHLEY, WILLIAM JOHN
A COMPUTER SIMULATION ANALYSIS OF EXTERNAL COUNTERPULSATION. (PH.D. 1976 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 123p.
37/02-B, p. 868 **BLE76-18740**

OKAMURA, KIYOHISA
OPTIMUM NONLINEAR CONTROL OF A SYSTEM WITH TWO INPUTS AND ONE OUTPUT. (PH.D. 1963 PURDUE UNIVERSITY) 56p. 24/12, p. 5307 **BLE64-04606**

O'KANE, KEVIN CHARLES
THE DESIGN AND IMPLEMENTATION OF AN INTEGRATED MEDICAL INFORMATION SYSTEM. (PH.D. 1972 THE PENNSYLVANIA STATE UNIVERSITY) 173p. 34/03-B, p. 1067 **BLE73-20111**

O'KELLY, MICHAEL EDMOND JAMES
VIBRATION OF VISCOUSLY DAMPED LINEAR DYNAMIC SYSTEMS. (PH.D. 1964 CALIFORNIA INSTITUTE OF TECHNOLOGY) 228p.
25/08, p. 4627 **BLE64-11412**

OKMAN, CENGIZ
A SYSTEMS APPROACH TO MILITARY ALLIANCES (AN ANALYSIS IN TERMS OF GENERAL SYSTEMS AND ORGANIZATIONAL THEORY). (D.P.A. 1975 NEW YORK UNIVERSITY) 547p.
36/08-A, p. 5537 **BLE76-04590**

OLDEHOEFT, ARTHUR EARL
A COMPUTER SYSTEM TO TEACH COMPUTATIONAL MATHEMATICS. (PH.D. 1970 PURDUE UNIVERSITY) 284p. 31/08-B, p. 4629 **BLE71-02080**

OLDEHOEFT, RODNEY RAY
DESIGN CONSIDERATIONS FOR INTERACTIVE, APPLICATION ORIENTED, TRANSPORTABLE SUBSYSTEMS. (PH.D. 1973 PURDUE UNIVERSITY) 138p. 34/09-B, p. 4328 **BLE74-05026**

OLDFIELD, WILLIAM ANTHONY
COMPUTER MODEL STUDIES IN MATERIALS SCIENCE. (PH.D. 1969 STANFORD UNIVERSITY) 238p.
30/03-B, p. 1164 **BLE69-13996**

O'LEARY, DIANNE PROST
HYBRID CONJUGATE GRADIENT ALGORITHMS. (PH.D. 1976 STANFORD UNIVERSITY) 118p.
37/02-B, p. 855 **BLE76-18790**

O'LEKSY, WILLIAM GEORGE
IMPROVING THE ADMINISTRATION OF COMPUTER-ASSISTED GAME SIMULATIONS WITHIN AN EXECUTIVE DEVELOPMENT PROGRAM. (D.B.A. 1973 THE GEORGE WASHINGTON UNIVERSITY) 269p.
34/08-A, p. 4502 **BLE74-03471**

OLERICH, RICHARD JOSEPH
A TECHNIQUE FOR ASSESSING THE STABILITY OF FREQUENCY MODULATED CONTROL SYSTEMS. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 257p. 35/11-B, p. 5428 **BLE75-10103**

OLESON, GARY K.
COMPUTATIONAL ASPECTS OF GEOMETRIC PROGRAMMING. (PH.D. 1971 IOWA STATE UNIVERSITY) 98p. 32/04-B, p. 2112 **BLE71-26877**

OLIVEIRA DIAS, FRANCISCO JOSE DE
MULTIPLE FAULT ANALYSIS IN COMBINATIONAL LOGIC CIRCUITS. (PH.D. 1975 STANFORD UNIVERSITY) 195p. 36/09-B, p. 4530 **BLE76-05777**

OLIVIER, WILLIAM PARR
PROGRAM SEQUENCE BY ABILITY INTERACTION IN LEARNING A HIERARCHICAL TASK BY COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 106p.
32/07-A, p. 3796 **BLE72-02392**

OLLENBURGER, ALVIN WILLARD
THE DESIGN AND OPERATION OF A STUDENT TEACHER INFORMATION STORAGE AND RETRIEVAL SYSTEM. (PH.D. 1964 THE UNIVERSITY OF MICHIGAN) 216p. 25/12, p. 7101 **BLE65-05358**

OLLING, GUSTAV
TEACHING NUMERICAL CONTROL PART-PROGRAMMING PRINCIPLES (MACHINING): COMPUTER VERSUS INSTRUCTOR PROGRAM VERIFICATION. (PH.D. 1974 PURDUE UNIVERSITY) 197p. 35/11-A, p. 7100 **BLE75-10933**

OLSON, KARL WILLIAM
OPTIMUM QUANTIZER SYSTEM DESIGN. (PH.D. 1965 THE OHIO STATE UNIVERSITY) 96p.
26/07, p. 3823 **BLE65-13204**

OLSON, MICHAEL LEE
COST-PERFORMANCE ANALYSIS OF HORIZONTAL-SOUNDING BALLOONS IN GLOBAL-METEOROLOGICAL - DATA-COLLECTION SYSTEMS. (PH.D. 1971 STANFORD UNIVERSITY) 183p.
32/08-B, p. 4597 **BLE72-05966**

OLUFEAGBA, BENJAMIN JIMI
DISTRIBUTED PARAMETER SYSTEMS APPROXIMATION FOR ESTUARINE WATER QUALITY MODELLING AND CONTROL. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 330p.
36/02-B, p. 878 **BLE75-16718**

O'NEIL, HAROLD F., JR.
EFFECTS OF STRESS ON STATE ANXIETY AND PERFORMANCE IN COMPUTER-ASSISTED LEARNING. (PH.D. 1969 THE FLORIDA STATE UNIVERSITY) 128p.
31/03-B, p. 1568 **BLE70-16343**

ONGAY, MEHMET MUSTAFA
A SYSTEM ANALYSIS APPROACH FOR OBJECTIVE EVALUATION OF POWER PLANT SITING. (PH.D. 1976 CLEMSON UNIVERSITY) 324p.
37/04-B, p. 1826 **BLE76-23042**

ONO, MITSUO
THE MARKETING ACCOUNTS SYSTEM: AN INTRODUCTORY ANALYSIS. (PH.D. 1971 THE GEORGE WASHINGTON UNIVERSITY) 188p.
32/02-A, p. 640 **BLE71-19621**

OPDERBECK, HOLGER
MEASUREMENT AND MODELING OF PROGRAM BEHAVIOR AND ITS APPLICATIONS. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 284p.
34/11-B, p. 5417 **BLE74-11657**

OPPEDAHL, CHARLES ARTHUR
DIFFERENTIAL-EQUATION - MODEL ADAPTIVE, IDENTIFICATION, AND NONLINEAR FEEDBACK SYSTEMS. (PH.D. 1964 THE UNIVERSITY OF IOWA) 94p. 25/04, p. 2413 **BLE64-11039**

OPPENHEIMER, EDWARD PHILLIP
APPLICATION OF INTERVAL ANALYSIS TO PROBLEMS OF LINEAR CONTROL SYSTEMS. (PH.D. 1974 IOWA STATE UNIVERSITY) 315p.
35/11-B, p. 5429 **BLE75-10498**

OPPLIGER, HANS R.
MINIMUM TIME PULSE AMPLITUDE AND PULSE WIDTH MODULATED CONTROL SYSTEMS. (PH.D. 1971 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 133p.
32/09-B, p. 5189 **BLE72-09658**

ORCUTT, SAMUEL ELLIS, JR.
COMPUTER ORGANIZATION AND ALGORITHMS FOR VERY-HIGH SPEED COMPUTATIONS. (PH.D. 1975 STANFORD UNIVERSITY) 122p.
35/12-B, p. 5847 **BLE75-13572**

ORDONEZ DE PARRA, MONTSERRAT
FRAGMENTATION AND NARRATIVE LEVELS IN MANUEL PUIG'S "BOQUITAS PINTADAS" COMPUTER-ASSISTED ANALYSIS OF AN EXPERIMENTAL NOVEL. (PH.D. 1976 THE UNIVERSITY OF WISCONSIN - MADISON) 206p. 37/01-A, p. 285 **BLE76-10679**

O'REILLY, GEORGE TIMOTHY
A COMPUTER-AIDED DESIGN OF L-BAND TRANSISTOR POWER AMPLIFIERS. (PH.D. 1973 VANDERBILT UNIVERSITY) 86p.
35/01-B, p. 240 **BLE74-16164**

OREN, TUNCER IBRAHIM
GEST: GENERAL SYSTEM THEORY IMPLEMENTOR (A COMBINED DIGITAL SIMULATION LANGUAGE). (PH.D. 1971 THE UNIVERSITY OF ARIZONA) 265p.
31/10-B, p. 5924 **BLE71-09694**

ORFORD, RICHARD JASON
OPTIMIZATION OF STOCHASTIC FINAL VALUE CONTROL SYSTEMS SUBJECT TO CONSTRAINTS. (PH.D. 1962 POLYTECHNIC INSTITUTE OF NEW YORK) 242p. 23/07, p. 2470 **BLE62-06651**

ORGASS, RICHARD JOHANN
A MATHEMATICAL THEORY OF COMPUTING MACHINE STRUCTURE AND PROGRAMMING. (PH.D. 1967 YALE UNIVERSITY) 141p.
28/10-B, p. 4204 **BLE68-05196**

ORGREN, CARL FRANZ
DIFFERENCES IN LEARNING UNDER TWO STRATEGIES OF COMPUTER-ASSISTED INSTRUCTION FOR A BASIC REFERENCE COURSE IN LIBRARY SCHOOL. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 147p. 32/03-A, p. 1543 **BLE71-23839**

ORR, DONALD ALEXANDER
MULTILEVEL TECHNIQUES FOR OPTIMIZATION AND IDENTIFICATION OF LARGE- SCALE LINEAR DYNAMIC SYSTEMS. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 125p.
30/07-B, p. 3183 **BLE69-21412**

ORSIC, MILJENKO
DESIGN OF UNIVERSAL LOGIC MODULES. (PH.D. 1969 NORTHWESTERN UNIVERSITY) 86p.
30/07-B, p. 3183 **BLE70-00134**

ORTIZ, MELCHOR, JR.
NONCONVEX MATHEMATICAL PROGRAMMING WITH THE HELP OF "FUNCTIONAL MOMENTS." (PH.D. 1975 TEXAS A&M UNIVERSITY) 53p.
36/08-B, p. 4061 **BLE76-03662**

OSBORN, RONALD FRANCIS
TIME DOMAIN COMPENSATION OF NONLINEAR SYSTEMS. (PH.D. 1969 OKLAHOMA STATE UNIVERSITY) 163p. 31/08-B, p. 4717 **BLE70-21456**

OSBORNE, MARTIN LAVENS
A MODIFICATION OF VETO LOGIC FOR A COMMITTEE OF THRESHOLD LOGIC UNITS AND THE USE OF 2-CLASS CLASSIFIERS FOR FUNCTION ESTIMATION. (PH.D. 1975 OREGON STATE UNIVERSITY) 241p.
35/12-B, p. 5847 **BLE75-13067**

OSBORNE, OWEN DALE
THE APPLICATION OF SYSTEMS ENGINEERING TECHNIQUES TO THE ANALYSIS OF INTERCITY TRAVEL. (PH.D. 1973 OKLAHOMA STATE UNIVERSITY) 129p. 34/10-B, p. 4997 **BLE74-08092**

OSGOOD, WILLIAM RANDOLPH
CONSTRAINTS ON COMMUNITY DEVELOPMENT IN DISADVANTAGED AREAS: AN EUPSYCHIAN SYSTEMS APPROACH TO COMMUNITY ANALYSIS. (ED.D. 1976 BOSTON UNIVERSITY SCHOOL OF EDUCATION) 132p. 37/03-A, p. 1830 **BLE76-21247**

O'SHEA, DANIEL J.
AN ECONOMIC ANALYSIS OF U.S. COMPUTER POWER GROWTH. (PH.D. 1975 NEW YORK UNIVERSITY, GRADUATE SCHOOL OF BUSINESS ADMINISTRATION) 238p.
36/04-A, p. 2332 **BLE75-21480**

O'SHEA, RICHARD PAUL
STUDIES ON THE DOMAIN OF ASYMPTOTIC STABILITY OF DISCRETE-TIME CONTROL SYSTEMS BY LIAPUNOV'S DIRECT METHOD. (SC.D. 1962 UNIVERSITY OF PITTSBURGH) 179p.
25/02, p. 1106 **BLE63-07526**

OSSENBRUGGEN, PAUL JOHN
SYMBOL MANIPULATION COMPUTER PROGRAMS FOR THE SOLUTION OF BOUNDARY VALUE PROBLEMS. (PH.D. 1969 CARNEGIE-MELLON UNIVERSITY) 177p. 31/01-B, p. 189 **BLE70-12434**

OSTERBROCK, CARL HENRY
DISTRIBUTED PARAMETER SYSTEM MODELS AND DISCRETE APPROXIMATIONS. (PH.D. 1964 MICHIGAN STATE UNIVERSITY) 61p.
26/01, p. 274 **BLE65-06104**

OSTHELLER, KARL OLNEY
THE FEASIBILITY OF USING COMPUTER-ASSISTED INSTRUCTION TO TEACH MATHEMATICS IN THE SENIOR HIGH SCHOOL. (ED.D. 1970 WASHINGTON STATE UNIVERSITY) 157p.
31/08-A, p. 4042 **BLE71-04416**

OSTMAN, RONALD ELROY
SYSTEMS AND COMMUNICATION CONTROL: AN ANALYSIS OF THE PROCESS OF EVALUATING FILMS ON DRUG ABUSE. (PH.D. 1974 UNIVERSITY OF MINNESOTA) 248p.
35/06-A, p. 3787 **BLE74-26222**

OTIS, ROBERT MICHAEL
INTERPRETATION AND DIGITAL PROCESSING OF SEISMIC REFLECTION AND REFRACTION DATA FROM YELLOWSTONE LAKE, WYOMING. (PH.D. 1975 UNIVERSITY OF UTAH) 223p.
36/03-B, p. 1112 **BLE75-20277**

OTTEN, MICHAEL
COMPUTER DRIVEN VOICE RESPONSE-LINGUISTICS, TECHNOLOGY AND APPLICATIONS: VOCABULARY HIERARCHIES. (PH.D. 1972 THE AMERICAN UNIVERSITY) 379p. 33/08-B, p. 3597 **BLE73-04672**

OUCHI, NORMAN KEN
ORTHOGONAL STORAGE-RING ORGANIZATION FOR COMPUTER MEMORIES. (PH.D. 1973 STANFORD UNIVERSITY) 166p. 33/12-B, p. 5831 **BLE73-14952**

OUELLETTE, HUGH FRANCIS
EFFECTS OF ENRICHMENT PROBLEMS ON ATTITUDE, PROBLEM-SOLVING ABILITY AND PATTERN RECOGNITION ABILITY OF PROSPECTIVE ELEMENTARY SCHOOL TEACHERS. (ED.D. 1972 UNIVERSITY OF NORTHERN COLORADO) 184p.
33/11-A, p. 6222 **BLE73-10989**

OVERTON, RUBY JEAN
BUSINESS DATA-PROCESSING CURRICULUM IN THE COMMUNITY COLLEGES AND TECHNICAL INSTITUTES AND DATA-PROCESSING JOB CLASSIFICATIONS IN SELECTED BUSINESSES AND INDUSTRIES IN NORTH CAROLINA. (ED.D. 1973 THE UNIVERSITY OF NORTH CAROLINA AT GREENSBORO) 320p. 34/05-B, p. 1975 **BLE73-26403**

OWEN, DONALD ROBERTSON, JR.
I. INVESTIGATION OF OCCLUSION PHENOMENA IN FREE-RADICAL VINYL-MONOMER POLYMERIZATION. II. DEVELOPMENT OF TURBIDIMETRIC TITRATION AS A RAPID METHOD OF COMPLEX POLYMER SYSTEM ANALYSIS. (PH.D. 1973 UNIVERSITY OF HOUSTON) 257p. 34/08-B, p. 3738 **BLE74-02875**

OWEN, EVAN RICHARD
INVESTIGATIONS AND ANALYSES OF SOME VIBRATIONAL SYSTEMS INCORPORATING NON-LINEAR ELEMENTS. (PH.D. 1953 NORTHWESTERN UNIVERSITY) 248p. 14/02, p. 327 BLE00-07056

OWEN, GENE SCOTT
I. COMPUTER SIMULATION OF ELECTRON SPIN RESONANCE SPECTRA OF ANTHRACENE, PERYLENE, AND NAPHTHALENE CATION RADICALS IN POLYCRYSTALLINE MEDIA. II. AN ATTEMPT TO PREPARE THE TRIPHENYLMETHYL AND PHENALENYL DIANION RADICALS. (PH.D. 1970 UNIVERSITY OF WASHINGTON) 236p. 31/10-B, p. 5908 BLE71-08532

OWENS, PHILIP JONATHAN
A COMPREHENSIVE SURVEY OF PARSING ALGORITHMS FOR PROGRAMMING LANGUAGES. (PH.D. 1976 NEW YORK UNIVERSITY) 658p. 37/03-B, p. 1338 BLE76-19632

OWENS, ROBERT WILLIAM
ALGORITHMS FOR SOLVING OVERDETERMINED SYSTEMS OF LINEAR EQUATIONS IN THE L(P) SENSE. (PH.D. 1975 MICHIGAN STATE UNIVERSITY) 91p. 36/09-B, p. 4533 BLE76-05621

OWICKI, SUSAN SPEER
AXIOMATIC PROOF TECHNIQUES FOR PARALLEL PROGRAMS. (PH.D. 1975 CORNELL UNIVERSITY) 203p. 36/12-B, p. 6271 BLE76-12884

OZAROWSKI, PETER CHARLES, JR.
A STUDY IN THE DESIGN AND IMPLEMENTATION OF A COURSE IN THE BASIC FUNDAMENTALS OF STATISTICS VIA A COMPUTER. (PH.D. 1973 THE UNIVERSITY OF ALABAMA) 114p. 34/05-A, p. 2310 BLE73-27317

OZAWA, TAKAO
NONLINEAR RESONANCE COMPUTER COMPONENTS. (PH.D. 1963 STANFORD UNIVERSITY) 94p. 24/08, p. 3264 BLE64-01641

OZGUNER, FUSUN
DESIGN OF TOTALLY SELF-CHECKING ASYNCHRONOUS SEQUENTIAL MACHINES. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 117p. 36/05-B, p. 2355 BLE75-24375

OZGUNER, UMIT
THE ANALYSIS AND CONTROL OF LARGE SCALE COMPOSITE SYSTEMS. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 161p. 36/05-B, p. 2435 BLE75-24376

OZIAS, DOUGLAS KENT
AN EVALUATION OF A RESEARCH INFORMATION DISSEMINATION AND TRANSLATION VEHICLE: SPECIAL STUDY INSTITUTES ON UTILIZATION OF LOW VISION. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 362p. 36/05-A, p. 2743 BLE75-24933

P

PAAL, FRANK F.
DIGITAL COMPUTER SOLUTION OF SHOCKWAVE PATTERN IN DENSE TRAFFIC FLOW. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 263p. 30/06-B, p. 2702 BLE69-19504

PACK, ELBERT CHANDLER
THE EFFECT OF MODE OF COMPUTER OPERATION ON LEARNING A COMPUTER LANGUAGE AND ON PROBLEM-SOLVING EFFICIENCY OF COLLEGE BOUND HIGH SCHOOL STUDENTS. (ED.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 159p. 31/12-A, p. 6477 BLE71-16348

PADALINO, JOSEPH JOHN
GAME AND DECISION THEORIES APPLIED TO ADAPTIVE CONTROL SYSTEMS. (PH.D. 1963 POLYTECHNIC INSTITUTE OF NEW YORK) 125p. 24/07, p. 2841 BLE64-00338

PADBERG, HARRIET ANN
COMPUTER-COMPOSED CANON AND FREE-FUGUE. (PH.D. 1964 SAINT LOUIS UNIVERSITY) 228p. 26/04, p. 2240 BLE64-13479

PADEN, JON STREET
AN EXPERIMENTAL STUDY OF INDIVIDUALIZED INSTRUCTION IN HIGH SCHOOL PHYSICS USING THE COMPUTER TO PRESCRIBE ACTIVITIES AS A FUNCTION OF SELECTED IDIOGRAPHIC FACTORS. (PH.D. 1970 UNIVERSITY OF MISSOURI - COLUMBIA) 208p. 31/10-A, p. 5275 BLE71-08373

PADILLA, JOSE ANTONIO
ANALYSIS OF SHELLS BY A NON-ORTHOGONAL DISCRETE ELEMENT SYSTEM. (PH.D. 1967 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 101p. 28/12-B, p. 5007 BLE68-08190

PADMANABHAN, LAKSHMINARASIMHA
DIRECT SECOND-VARIATIONAL METHODS IN OPTIMAL CONTROL. (PH.D. 1969 NORTHWESTERN UNIVERSITY) 119p. 30/07-B, p. 3154 BLE70-00136

PADRO, SUSAN
COMPUTER SIMULATION FOR ALLOCATING EDUCATIONAL RESOURCES BASED ON STUDENT ACTIVITY MODULES. (PH.D. 1971 THE FLORIDA STATE UNIVERSITY) 188p. 32/04-A, p. 1801 BLE71-25794

PADUNCHEWIT, NARASRI
MODEL TESTING AND ALLOCATION PROCESSES WITH SOME VARIABLES IN QUEUE. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 124p. 33/07-B, p. 3034 BLE73-00496

PAGE, JOHN ARNOLD
AUTOMATED DESIGN OF FEEDBACK CONTROL SYSTEMS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 205p. 31/12-B, p. 7247 BLE71-16349

PAI, AMMEMBAL LAKSHMANA
STABILITY AND CONTROL OF LEGGED LOCOMOTION SYSTEMS. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 182p. 32/04-B, p. 2166 BLE71-27533

PAIEWONSKY, BERNARD H.
A STUDY OF TIME OPTIMAL CONTROL. (PH.D. 1961 PRINCETON UNIVERSITY) 145p. 22/06, p. 1926 BLE61-04814

PAINE, GARRETT
THE APPLICATION OF THE METHOD OF QUASILINEARIZATION TO THE COMPUTATION OF OPTIMAL CONTROL. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 105p. 27/10-B, p. 3520 BLE67-04479

PAINE, JOANN POPARAD
AN N-PERSON THEORY OF POLITICAL COMPETITION: THE DEVELOPMENT OF A THEORY AND COMPUTER SIMULATION MODEL. (PH.D. 1967 UNIVERSITY OF OREGON) 342p. 29/01-A, p. 302 BLE68-10012

PAINE, NEIL REUBEN
MATHEMATICAL PROGRAMMING IN PORTFOLIO SELECTION. (PH.D. 1961 THE UNIVERSITY OF TEXAS AT AUSTIN) 138p. 22/06, p. 1865 BLE61-04709

PAINTER, JAMES ALLAN
SEMANTIC CORRECTNESS OF A COMPILER FOR AN ALGOL-LIKE LANGUAGE. (PH.D. 1967 STANFORD UNIVERSITY) 134p. 28/07-B, p. 2949 BLE67-17478

PAK, CHOL HUI
ON CONSTANT ACTION SURFACES AND THE EXISTENCE OF A SIMPLE TRAJECTORY IN NONLINEAR CONSERVATIVE SYSTEMS HAVING MANY DEGREES OF FREEDOM. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 72p. 28/01-B, p. 203 BLE67-08020

PALASH, CARL J.
THE OPTIMAL CONTROL OF THE MPS ECONOMETRIC MODEL. (PH.D. 1976 UNIVERSITY OF PENNSYLVANIA) 180p. 37/04-A, p. 2311 BLE76-22757

PALM, WILLIAM JOHN, III
OPTIMAL CONTROL PROBLEMS AND DIFFERENTIAL GAMES WITH TIME DELAYS. (PH.D. 1971 NORTHWESTERN UNIVERSITY) 150p. 32/06-B, p. 3386 BLE71-30910

PALMA, ARTURO LE-BLANC
OPTIMAL OPERATIONAL POLICIES FOR A SYSTEM OF SIX MULTI-PURPOSE RESERVOIRS BY DISCRETE DIFFERENTIAL DYNAMIC PROGRAMMING. (PH.D. 1974 OKLAHOMA STATE UNIVERSITY) 196p. 35/10-A, p. 6310 BLE75-08856

PALMER, DAVID GORDON
ECONOMIC PLANNING FOR RESOURCE AND ENERGY RECOVERY FROM MUNICIPAL SOLID WASTE BY MATHEMATICAL PROGRAMMING MODELS. (PH.D. 1975 SYRACUSE UNIVERSITY) 217p. 37/04-A, p. 2293 BLE76-18549

PALMER, JAMES EDWARD
A COMPUTER AIDED OPTIMIZATION TECHNIQUE FOR DIGITAL SYSTEM TIMING. (PH.D. 1966 CASE WESTERN RESERVE UNIVERSITY) 271p. 28/03-B, p. 904 BLE67-11566

PALMQUIST, RONALD WILLIAM
OPTIMUM THERMAL DESIGN OF RADIATIVE-CONDUCTIVE SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 184p. 31/06-B, p. 3430 BLE70-15907

PANASITI, JOSEPH D.
INVARIANT IMBEDDING FUNCTIONS FOR NEUTRON-TRANSPORT IN MULTIDIMENSIONAL SYSTEMS. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 262p. 34/03-B, p. 1126 BLE73-21084

PANDA, SHIBA PRASAD
INVERSE PROBLEM OF GUARANTEED COST CONTROL FOR DYNAMICAL SYSTEMS CONTAINING UNCERTAIN PARAMETERS. (PH.D. 1972 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 74p. 33/06-B, p. 2613 BLE72-29572

PANDAY, RAMESH CHANDRA
AN APPLICATION OF HARD-PION FOUR-POINT LAGRANGIAN FORMULATION TO THREE CHARGED PION ANNIHILATION OF THE ANTIPROTON-NEUTRON SYSTEM AT REST. (PH.D. 1972 NORTHEASTERN UNIVERSITY) 101p. 34/06-B, p. 2646 BLE73-28037

PANDEY, SHEO JI
PREDICTION AND COMPARISON OF PROPERTIES OF HAWAIIAN AND INDIAN RED EARTHS USING AUTOMATIC DATA PROCESSING TECHNIQUES. (PH.D. 1969 UNIVERSITY OF HAWAII) 519p. 30/09-B, p. 3944 BLE70-04312

PANDIT, SUDHAKAR MADHAVRAO
DATA-DEPENDENT SYSTEMS: MODELING ANALYSIS AND OPTIMAL CONTROL VIA TIME-SERIES. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 507p. 34/12-B, p. 6030 BLE74-09014

PANG, CHOK KHON
STUDIES ON SECURITY EVALUATION BY PATTERN RECOGNITION AND UNIT-COMMITMENT BY DYNAMIC-PROGRAMMING IN POWER-SYSTEMS. (PH.D. 1972 PURDUE UNIVERSITY) 127p. 34/01-B, p. 223 BLE73-15845

PANT, SHRIDHAR PRASAD
AN EVALUATION OF ECONOMETRIC AND MATHEMATICAL PROGRAMMING MODELS USEFUL FOR PLANNING THE AGRICULTURAL SECTOR IN INDIA. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 249p. 31/05-A, p. 1965 BLE70-21030

PAPADAKIS, NICHOLAS
A COMPUTER-INTERFACED SCANNING STOPPED-FLOW SYSTEM AND ITS APPLICATION TO THE KINETICS OF AIR-SENSITIVE REACTIONS. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 184p. 35/06-B, p. 2689 BLE74-27466

PAPADOPOULOS, DEMETRIUS
SELECTION OF THE OPTIMAL INSTRUMENT OF MONETARY POLICY: AN APPLICATION OF OPTIMAL CONTROL THEORY. (PH.D. 1975 NEW YORK UNIVERSITY, GRADUATE SCHOOL OF BUSINESS ADMINISTRATION) 243p. 36/11-A, p. 7552 BLE76-10397

PAPALLO, WILLIAM R.
A FUNCTIONAL-SYSTEMS ANALYSIS OF THE INPUT-OUTPUT FUNCTIONS OF SELECTED SECONDARY SCHOOL PRINCIPALS. (PH.D. 1974 THE UNIVERSITY OF CONNECTICUT) 164p. 35/04-A, p. 1926 BLE74-21743

PAPAZAFIRIOU, ZAFIRIOS GREGORY
HYDROLOGIC ANALYSIS OF SMALL WATERSHEDS USING A SYSTEMS ANALYSIS APPROACH. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, DAVIS) 99p. 35/01-B, p. 226 BLE74-16283

PAPO, HAIM BENZION
OPTIMAL SELENODETIC CONTROL. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 271p. 32/07-B, p. 3998 BLE72-04602

PARAMORE, EDDIE CHARLES, JR.
A COMPUTER-BASED TUTORIAL MODEL FOR EVALUATING INDIVIDUAL HYPOTHETICO-DEDUCTIVE REASONING. (ED.D. 1976 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 176p. 37/02-A, p. 852 BLE76-17317

PARASKOS, JOHN ANGELO
FEEDFORWARD COMPUTER CONTROL OF A CLASS OF DISTRIBUTED PARAMETER PROCESSES. (PH.D. 1969 UNIVERSITY OF MASSACHUSETTS) 119p. 30/02-B, p. 628 BLE69-12540

PARENT, MICHEL RALPH
THE CONTROL GRAPH MODELS: A UNIFIED APPROACH TO PERFORMANCE EVALUATION. (PH.D. 1974 CASE WESTERN RESERVE UNIVERSITY) 183p. 35/04-B, p. 1618 BLE74-22089

PARHAMI, BEHROOZ
DESIGN TECHNIQUES FOR ASSOCIATIVE MEMORIES AND PROCESSORS. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 260p. 34/02-B, p. 627 BLE73-18844

PARIMI, KRISHNIAH
THE NONLINEAR TRACER METHOD FOR IDENTIFICATION OF MIXING SYSTEMS. (PH.D. 1971 VANDERBILT UNIVERSITY) 255p. 32/05-B, p. 2680 BLE71-29321

PARK, CHAN UNG
PARAMETER IDENTIFICATION OF LOW-ORDER BOILER MODELS FOR DYNAMIC STABILITY ANALYSIS. (PH.D. 1975 IOWA STATE UNIVERSITY) 123p. 36/05-B, p. 2398 BLE75-25346

PARK, CHANBIN
TECHNIQUES OF FEEDBACK SUB-OPTIMAL CONTROL. (PH.D. 1973 CITY UNIVERSITY OF NEW YORK) 182p. 34/08-B, p. 3793 BLE74-00668

PARK, GEORGE BENNET
THE APPLICATION OF ELECTROANALYTICAL TECHNIQUES TO BIOCHEMICAL SYSTEMS. (PH.D. 1973 UNIVERSITY OF KANSAS) 141p. 34/12-B, p. 5849 BLE74-12610

PARK, GERALD LESLIE
THE OPTIMAL CONTROL OF LINEAR SYSTEMS SUBJECT TO RANDOM LOAD AND OBSERVATION DISTURBANCES. (PH.D. 1964 UNIVERSITY OF MINNESOTA) 145p. 25/05, p. 3002 BLE64-10846

PARK, HEN SUH
BOOTSTRAP HYBRID TRELLIS DECODING. (PH.D. 1972 CORNELL UNIVERSITY) 149p. 33/04-B, p. 1498 BLE72-26357

PARK, JONG-GOO
CHOICE OF PERFORMANCE INDEX FOR THE OPTIMAL CONTROL OF MACROECONOMIC SYSTEMS. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 109p. 34/06-A, p. 2897 BLE73-29758

PARK, KUN E.
STABILITY AND OPTIMAL CONTROL OF DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF ROCHESTER) 153p. 33/05-B, p. 2085 BLE72-28784

PARK, KUN IL
ADAPTIVE CONTROL OF STOCHASTIC SYSTEMS IN A NON-STATIONARY AND IN A SWITCHING ENVIRONMENT. (PH.D. 1972 UNIVERSITY OF PENNSYLVANIA) 167p. 33/04-B, p. 1554 BLE72-25645

PARK, KYUNG SOO
A CONTROL SYSTEMS SIMULATION APPROACH TO A COMPUTERIZED MODEL OF HUMAN POSTURES DURING SYMMETRIC SAGITTAL PLANE LIFTING. (PH.D. 1973 THE UNIVERSITY OF MICHIGAN) 170p. 34/08-B, p. 3801 BLE74-03706

PARK, STEPHEN KENT
ON THE EQUIVALENCE OF OPTIMAL CONTROL PROBLEMS AND THE TRANSFORMATION OF OPTIMAL CONTROL PROBLEMS WITH COMPACT CONTROL REGIONS INTO LAGRANGE PROBLEMS. (PH.D. 1970 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 73p. 31/10-B, p. 6134 BLE71-10336

PARKE, FREDERIC IRA
A PARAMETRIC MODEL FOR HUMAN FACES. (PH.D. 1974 UNIVERSITY OF UTAH) 109p. 35/10-B, p. 4867 BLE75-06697

PARKER, JAMES LAWRENCE
A LOGIC PER TRACK INFORMATION RETRIEVAL SYSTEM. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 125p. 32/02-B, p. 879 BLE71-21203

PARKER, JUDSON FLOYD
FORESTER: A LANGUAGE FOR MORPHOLOGICAL ANALYSIS OF HIERARCHICAL SYSTEMS, WITH REFERENCE TO STRUCTURAL EXEGESIS OF THE SYNOPTIC TRADITIONS. (PH.D. 1976 VANDERBILT UNIVERSITY) 136p. 37/04-B, p. 1778 BLE76-22380

PARKER, NEVILLE ANTHONY
A SYSTEMS ANALYSIS OF ROUTE LOCATION. (PH.D. 1971 CORNELL UNIVERSITY) 227p. 32/03-B, p. 1551 BLE71-22994

PARKER, ROY ACTON
THE BETA-DECAY OF LANTHANUM-140 AND A FERMI PLOT COMPUTER ANALYSIS. (PH.D. 1964 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 74p. 25/03, p. 1983 BLE64-08811

PARKER, RUSSELL ALAN
MINIATURE COMPUTERS FOR CHEMICAL ANALYSES. I. SPECIAL PURPOSE COMPUTER FOR KINETIC ANALYSES. II. MULTI-PURPOSE COMPUTER FOR GENERAL ANALYSES. (PH.D. 1972 PURDUE UNIVERSITY) 128p. 33/02-B, p. 607 BLE72-21250

PARKIN, ELLIOT STEVEN
COMPUTATION OF NEAR-OPTIMAL CONTROL POLICIES BY TRAJECTORY APPROXIMATION. (PH.D. 1971 CARNEGIE-MELLON UNIVERSITY) 104p. 31/12-B, p. 7267 BLE71-14066

PARKINSON, THOMAS L.
A STUDY OF SEALS AND CERTIFICATIONS OF APPROVAL AND THEIR ROLE IN CONSUMER INFORMATION PROCESSING. (PH.D. 1972 UNIVERSITY OF MASSACHUSETTS) 209p. 33/09-A, p. 4611 BLE73-06897

PARRY, SAMUEL HOWARD
ANALYSIS OF A COMPLEX DYNAMIC SYSTEM AS VIEWED BY AN INVOLVED DECISION-MAKER IN A LAND COMBAT ENVIRONMENT. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 323p. 32/04-B, p. 2177 BLE71-27534

PARTAIN, CLARENCE LEON
A DIRECT DIGITAL CONTROL STUDY FOR NUCLEAR REACTOR SYSTEMS. (PH.D. 1967 PURDUE UNIVERSITY) 193p. 28/02-B, p. 720 **BLE67-10237**

PARTOVI, SHAHPOUR
ON THE ABSOLUTE STABILITY OF NONLINEAR DYNAMIC SYSTEMS. (PH.D. 1968 UNIVERSITY OF SOUTHERN CALIFORNIA) 76p.
29/10-B, p. 3749 **BLE69-00638**

PARYANI, KIOUMARS
OPTIMAL-CONTROL OF LINEAR DISCRETE MACROECONOMIC SYSTEMS. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 150p. 33/09-B, p. 4280 **BLE73-05463**

PASS, EDGAR MARVIN
AN ADAPTIVE MICROSCHEDULER FOR A MULTIPROGRAMMED COMPUTER SYSTEM. (PH.D. 1973 GEORGIA INSTITUTE OF TECHNOLOGY) 164p.
34/06-B, p. 2561 **BLE73-29011**

PASSMORE, ROBERT EARL
A SYSTEM TO GENERATE COMPUTER SOFTWARE FOR REAL-TIME DATA-ACQUISITION AND DATA-CONTROL. (PH.D. 1972 TEXAS TECH UNIVERSITY) 160p. 34/01-B, p. 223 **BLE73-16280**

PASSOT, EMMANUEL-MARIE
COMPUTER EVALUATION OF FIBER CRIMP AND SPOT-BONDING FOR DRAPEABLE NONWOVENS. (PH.D. 1974 UNIVERSITY OF WASHINGTON) 227p.
35/07-B, p. 3134 **BLE74-29477**

PASSY, URY
GENERALIZATION OF GEOMETRIC PROGRAMMING, PARTIAL CONTROL OF LINEAR INVENTORY SYSTEMS. (PH.D. 1966 STANFORD UNIVERSITY) 254p.
27/07-B, p. 2338 **BLE66-14710**

PASTA, BETTY BENTZEN
FOUR TYPES OF COMPUTER-AIDED ANALYSIS OF LAURENCE STERNE'S "A SENTIMENTAL JOURNEY." (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 271p.
34/12-A, p. 7717 **BLE74-12147**

PATE, TOM, JR.
IDENTIFICATION AND RESOLUTION OF PROBLEMS GENERATED BY THE APPLICATION OF ELECTRONIC DATA PROCESSING TO STUDENT MANAGEMENT SYSTEMS IN SELECTED SCHOOL DISTRICTS. (ED.D. 1971 UNIVERSITY OF HOUSTON) 177p.
32/05-A, p. 2385 **BLE71-29546**

PATEL, HIMANSHU I.
OPTIMAL CONTROL OF ARRIVAL PROCESS IN QUEUES WITH EXPONENTIAL SERVERS. (PH.D. 1974 CASE WESTERN RESERVE UNIVERSITY) 157p.
35/10-B, p. 5023 **BLE75-06077**

PATRICK, PHILIP HOWARD
A COMPUTER-STUDY OF A SUSPENSION-FORMATION IN THE MASSES OF JOSQUIN DESPREZ. (PH.D. 1973 PRINCETON UNIVERSITY) 218p.
34/11-A, p. 7269 **BLE74-09710**

PATRICK, ROBERT LEE
A COMPUTER-BASED THEMATIC INDEX TO THE WORKS OF HEINRICH SCHUETZ. (D.M.A. 1971 UNIVERSITY OF KENTUCKY) 367p.
33/02-A, p. 778 **BLE72-21475**

PATTERSON, DONALD JAMES
A COMPREHENSIVE CYCLE ANALYSIS AND DIGITAL COMPUTER SIMULATION FOR SPARK-IGNITED ENGINES. (PH.D. 1962 THE UNIVERSITY OF MICHIGAN) 300p. 23/08, p. 2851 **BLE63-00422**

PATTERSON, GARVIN WESLEY
ARCHITECTURES FOR HIGH-PERFORMANCE PROCESSORS. (PH.D. 1974 ARIZONA STATE UNIVERSITY) 154p. 35/02-B, p. 831 **BLE74-18714**

PATTERSON, JOHN DAVID
AN ADAPTIVE PATTERN CLASSIFICATION SYSTEM. (PH.D. 1966 THE UNIVERSITY OF TEXAS AT AUSTIN) 95p. 27/02-B, p. 481 **BLE66-07364**

PATULA, EDWARD JOHN
EQUIVALENT DIFFERENTIAL EQUATIONS FOR NONLINEAR DYNAMICAL SYSTEMS. (PH.D. 1970 CALIFORNIA INSTITUTE OF TECHNOLOGY) 218p.
31/06-B, p. 3454 **BLE70-24576**

PAUL, HERBERT ASHLEY
THEORETICAL DERIVATION AND ECONOMIC EVALUATION OF THE DOUBLE CENTROID AND COMPUTER MINIMIZED COST METHODS OF CALCULATING SLOPES FOR LAND GRADING. (PH.D. 1973 UTAH STATE UNIVERSITY) 159p.
34/12-B, p. 5957 **BLE74-13251**

PAUL, RICHARD PAUL COLLINS
MODELLING, TRAJECTORY CALCULATION AND SERVOING OF A COMPUTER CONTROLLED ARM. (PH.D. 1972 STANFORD UNIVERSITY) 159p.
33/08-B, p. 3598 **BLE73-04572**

PAUL, ROBERT DANA, JR.
THE EXISTENCE OF A TRIAL STAGE IN THE INNOVATION OF EDUCATIONAL DATA PROCESSING IN SELECTED MASSACHUSETTS SCHOOL SYSTEMS. (ED.D. 1971 BOSTON UNIVERSITY SCHOOL OF EDUCATION) 257p. 32/04-A, p. 1802 **BLE71-26728**

PAULISH, DANIEL JOHN
THE MODELING OF MESSAGE SWITCHES IN STORE-AND-FORWARD COMPUTER COMMUNICATION NETWORKS. (PH.D. 1976 POLYTECHNIC INSTITUTE OF NEW YORK) 204p. 37/04-B, p. 1827 **BLE76-23438**

PAULSON, BOYD COLTON, JR.
MAN-COMPUTER CONCEPTS FOR PROJECT MANAGEMENT. (PH.D. 1971 STANFORD UNIVERSITY) 375p. 32/10-B, p. 5781 **BLE72-11636**

PAULSON, PEARL ADELINE R.
PARAGRAPH SUMMARIZATION BY COMPUTER: A COMPARISON WITH SUMMARIES MADE BY PUPILS. (PH.D. 1972 STANFORD UNIVERSITY) 183p.
33/08-A, p. 4185 **BLE73-04573**

PAULUS, EDWARD W., JR.
AN ANALYSIS AND EVALUATION OF DATA PROCESSING EDUCATION IN SECONDARY SCHOOLS AND UNIVERSITIES. (ED.D. 1972 NORTHERN ILLINOIS UNIVERSITY) 214p. 33/05-A, p. 2225 **BLE72-29321**

PAVARINI, CARL
SYSTEM DESIGN OPTIMIZATION FOR A MARS-ROVING VEHICLE AND PERTURBED-OPTIMAL SOLUTIONS IN NONLINEAR-PROGRAMMING. (PH.D. 1973 RENSSELAER POLYTECHNIC INSTITUTE) 176p.
34/08-B, p. 3823 **BLE74-05152**

PAVLIDIS, THEODOSIOS
ANALYSIS AND SYNTHESIS OF PULSE FREQUENCY MODULATION FEEDBACK SYSTEMS. (PH.D. 1964 UNIVERSITY OF CALIFORNIA, BERKELEY) 169p.
25/07, p. 4050 **BLE64-13076**

PAYNE, CARL RUSSELL
RECURSIVE APPROXIMATION TO OPTIMAL SAMPLING PLANS FOR PROCESS CONTROL. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, IRVINE) 364p.
35/06-B, p. 3102 **BLE74-27830**

PAYNE, EUGENE EDGAR
INVESTIGATION AND DEVELOPMENT OF A COMPUTER-ASSISTED PLANNING MODEL FOR COMMUNITY EMERGENCY CARE SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF OKLAHOMA) 154p.
32/05-B, p. 2733 **BLE71-27637**

PAYNE, HAROLD JAMES
THE RESPONSE OF NONLINEAR SYSTEMS TO STOCHASTIC EXCITATION. (PH.D. 1967 CALIFORNIA INSTITUTE OF TECHNOLOGY) 168p.
28/07-B, p. 2949 **BLE67-17071**

PAYNE, JAMES ANDREW
COMPUTATIONAL METHODS IN OPTIMAL CONTROL PROBLEMS. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 170p. 26/03, p. 1524 **BLE65-09550**

PEARCE, BRYAN ROWELL
NUMERICAL CALCULATION OF THE RESPONSE OF COASTAL WATERS TO STORM SYSTEMS—WITH APPLICATION TO HURRICANE CAMILLE OF AUGUST 17-22, 1969. (PH.D. 1972 THE UNIVERSITY OF FLORIDA) 172p. 34/01-B, p. 212 **BLE73-15529**

PEARCE, WILLIAM LEON
UNDERSTANDING DATA-PROCESSING TERMINOLOGY: A STUDY OF SEMANTIC CONGRUENCY BETWEEN DATA-PROCESSORS AND DATA-PROCESSING USERS. (PH.D. 1973 UNIVERSITY OF MISSOURI - COLUMBIA) 296p. 34/11-B, p. 5550 **BLE74-09976**

PEARLMAN, WILLIAM ABRAHAM
QUANTIZATION ERROR BOUNDS FOR COMPUTER-GENERATED HOLOGRAMS. (PH.D. 1974 STANFORD UNIVERSITY) 254p. 35/09-B, p. 4464 **BLE75-06901**

PEARSON, ALLAN EINAR
ADAPTIVE OPTIMAL CONTROL OF NONLINEAR SYSTEMS. (PH.D. 1963 COLUMBIA UNIVERSITY) 168p. 24/07, p. 2842 **BLE64-01565**

PEARSON, JAMES BOYD, JR.
ON THE DESIGN OF A CLASS OF DISCRETE SYSTEMS. (PH.D. 1962 PURDUE UNIVERSITY) 119p.
23/07, p. 2471 **BLE63-01979**

PEART, ROBERT MCDERMAND
OPTIMIZING MATERIALS HANDLING SYSTEMS BY MATHEMATICAL PROGRAMMING. (PH.D. 1960 PURDUE UNIVERSITY) 161p.
21/05, p. 1143 **BLE60-04200**

PECHERER, ROBERT MARK
EFFICIENT RETRIEVAL IN RELATIONAL DATA BASE SYSTEMS. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 90p. 37/01-B, p. 338 **BLE76-15335**

PECSVARADI, THOMAS
REACHABLE SETS FOR LINEAR DYNAMICAL SYSTEMS. (PH.D. 1970 YALE UNIVERSITY) 173p.
31/07-B, p. 4208 **BLE71-00039**

PEDERSEN, KENNETH CHARLES
SYNTHESIS OF OPTIMALLY SENSITIVE SYSTEMS INVOLVING TIME-VARYING PARAMETERS. (PH.D. 1971 SOUTHERN METHODIST UNIVERSITY) 155p.
32/06-B, p. 3363 **BLE72-00658**

PEDERSON, DONALD MARGEDO
SOME TECHNIQUES FOR COMPUTER-AIDED ANALYSIS OF MUSICAL SCORES (VOLUMES I-III). (PH.D. 1968 THE UNIVERSITY OF IOWA) 543p.
29/06-A, p. 1919 **BLE68-16851**

PEEBLES, RICHARD WILSDON
DESIGN CONSIDERATIONS FOR A DISTRIBUTED DATA-ACCESS SYSTEM. (PH.D. 1973 UNIVERSITY OF PENNSYLVANIA) 398p.
34/04-B, p. 1465 **BLE73-24207**

PEELE, CHARLES VAN BUREN
THE SYNTHESIS OF A LINEAR CONTROL SYSTEM WITH INTEGRAL-SQUARE-ERROR PERFORMANCE CRITERION. (PH.D. 1971 UNIVERSITY OF CINCINNATI) 45p. 32/06-B, p. 3512 **BLE72-01445**

PEELLE, HOWARD ARTHUR
A STUDY OF COMPUTER-ASSISTED LEARNING WITH ARTIFICIAL INTELLIGENCE GAMES. (ED.D. 1971 UNIVERSITY OF MASSACHUSETTS) 163p.
32/12-A, p. 6690 **BLE72-18259**

PEIKARI, BEHROUZ
OPTIMAL DESIGN OF NONLINEAR AND TIME-VARYING NETWORKS AND SYSTEMS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 95p.
31/04-B, p. 1972 **BLE70-17640**

PEIRCE, RICHARD FISHER
THE COMMERCIAL APPLICATIONS OF ELECTRONIC DATA PROCESSING EQUIPMENT. (PH.D. 1957 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 289p. 18/02, p. 443 **BLE00-25264**

PEJAVER, DINESH RAO
AN ANALYSIS OF PRESSURE TRANSIENTS IN THE MUD CIRCULATION SYSTEM OF AN OIL WELL. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 179p.
34/09-B, p. 4403 **BLE74-05309**

PELED, ABRAHAM
NEW HARDWARE REALIZATIONS OF DIGITAL SIGNAL PROCESSORS. (PH.D. 1974 PRINCETON UNIVERSITY) 102p. 35/09-B, p. 4465 **BLE75-06670**

PELL, JOHN LEE
PATH-INTEGRAL EVALUATION OF THE TIME-EVOLUTION PROPAGATOR FOR QUADRATIC HAMILTONIAN SYSTEMS WITH APPLICATION TO THE LEE MODEL. (PH.D. 1974 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 72p. 36/01-B, p. 282 **BLE75-14275**

PELL, THOMAS MICHAEL, JR.
SOME PROBLEMS IN THE ANALYSIS OF CHEMICAL SYSTEMS WITH STOCHASTIC FEATURES. (PH.D. 1969 UNIVERSITY OF MINNESOTA) 222p.
30/06-B, p. 2666 **BLE69-20048**

PELLEGRINO, JAMES PAUL
A MODEL FOR EVALUATION OF DISADVANTAGED STUDENTS PARTICIPATING IN A COMPUTER SCIENCE PROGRAM. (PH.D. 1971 UNIVERSITY OF PITTSBURGH) 101p. 32/08-A, p. 4248 **BLE72-07908**

PELZ, DIETER RUDOLF
OPTIMIZING FOREST PRODUCTION—A PROBABILISTIC MATHEMATICAL PROGRAMMING APPROACH. (PH.D. 1974 STATE UNIVERSITY OF NEW YORK COL. OF ENVIRONMENTAL SCIENCE & FORESTRY) 291p.
35/02-B, p. 623 **BLE74-17824**

PEMBAMOTO, KILUBA NA-BEYA
FAULT DETECTING COMPUTER SYSTEMS DESIGN. (PH.D. 1976 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 191p. 37/05-B, p. 2427 **BLE76-26555**

PENBECI, SULEYMAN SIRRI
COMPUTER-AIDED DESIGN OF DISTRIBUTED RC NETWORKS USING ORTHOGONAL FUNCTIONS. (PH.D. 1969 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 124p.
31/04-B, p. 1972 **BLE70-09786**

PENG, (THEODORE) KUANG CHUN
ON GUARANTEED COST CONTROLLER AND ITS APPLICATION TO UNCERTAIN REGULATOR SYSTEMS. (PH.D. 1971 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 116p.
32/01-B, p. 299 **BLE71-18347**

PENN, LUCIUS WRIGHT
AN ON-LINE STATISTICAL COMPUTER SYSTEM FOR LAY USAGE. (PH.D. 1971 UNIVERSITY OF GEORGIA) 420p. 32/07-B, p. 4289 **BLE72-02526**

PENN, ROBERT MARVIN
SELECTION OF COMPATIBLE SPECIFICATIONS FOR SYSTEM DESIGN. (PH.D. 1964 OKLAHOMA STATE UNIVERSITY) 84p. 26/03, p. 1557 **BLE65-08762**

PENNER, MAURICE JAY
KNOWLEDGE FOR CONTROL: SYSTEMS ANALYSIS AND COST ACCOUNTING IN ORGANIZATIONS. (PH.D. 1974 UNIVERSITY OF KANSAS) 169p.
35/09-A, p. 6251 **BLE75-06236**

PENNIMAN, WILLIAM DAVID
RHYTHMS OF DIALOGUE IN HUMAN-COMPUTER CONVERSATION. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 291p. 36/03-A, p. 1142 **BLE75-19480**

PENSAK, DAVID ALAN
COMPUTER-AIDED DESIGN OF COMPLEX ORGANIC SYNTHESES. (PH.D. 1973 HARVARD UNIVERSITY) 369p. 35/04-B, p. 1581 **BLE74-23220**

PEOPLES, JOHN TERRANCE
DISTORTIONLESS AND NONCOHERENT DEMODULATION OF HYBRID MODULATED WAVEFORMS WITH APPLICATION TO DIGITAL DATA SYSTEMS. (PH.D. 1971 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 450p.
32/03-B, p. 1577 **BLE71-23049**

PERCUS, JEROME KENNETH
SOME REMARKS ON THE QUANTIZATION OF LINEAR SYSTEMS. (PH.D. 1954 COLUMBIA UNIVERSITY) 142p. 14/09, p. 1439 **BLE00-08751**

PEREIRA, NORMAN CUSTODIO
SYSTEMS ANALYSIS, OPTIMIZATION AND CONTROL OF LIFE SUPPORT SYSTEMS IN CONFINED SPACES. (PH.D. 1972 KANSAS STATE UNIVERSITY) 304p.
33/05-B, p. 2050 **BLE72-28852**

PEREIRA DE LUCENA, CARLOS JOSE
ON THE SYNTHESIS OF RELIABLE PROGRAMS. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 241p. 36/02-B, p. 818 **BLE75-17794**

PERFITT, THOMAS EUGENE
AN EXTENSION AND APPLICATION OF OPTIMAL CONTROL THEORY. (PH.D. 1965 MICHIGAN STATE UNIVERSITY) 94p. 27/03-B, p. 824 **BLE66-08159**

PERIC, DRAGOMIR V.
STABILITY IMPROVEMENT OF NONLINEAR SAMPLED-DATA SYSTEMS. (PH.D. 1973 THE COOPER UNION FOR THE ADVANCEMENT OF SCIENCE AND ART) 292p. 34/03-B, p. 1109 **BLE73-21225**

PERKINS, WILLIAM RANDOLPH
THE SENSITIVITY OF FEEDBACK CONTROL SYSTEMS TO PARAMETER VARIATIONS. (PH.D. 1961 STANFORD UNIVERSITY) 72p.
21/11, p. 3400 **BLE61-01245**

PERLES, BARBARA RUTH
ADVANTAGES AND LIMITATIONS OF COMPUTER USAGE IN TEACHING UNDERGRADUATE STATISTICS. (PH.D. 1975 BOSTON COLLEGE) 304p.
35/11-A, p. 7086 **BLE75-10784**

PERLOFF, RONALD STEPHEN
CAFE: THE COMPUTER AIDED FORMULA EDITOR. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 150p. 32/06-B, p. 3300 **BLE72-00084**

PERONILLA, ALBERTO H.
FREE-FORMAT INPUT FOR INTEGER PROGRAMMING: A MACHINE CODE FOR A MODIFIED GOMORY ALGORITHM WITH APPLICATION TO WEINGARTNER'S PROBLEM. (PH.D. 1971 RENSSELAER POLYTECHNIC INSTITUTE) 191p.
32/02-B, p. 879 **BLE71-19892**

PERRAULT, CHARLES RAYMOND
AUGMENTED TRANSITION NETWORKS AND THEIR RELATION TO TREE MANIPULATION SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF MICHIGAN) 155p.
36/03-B, p. 1315 **BLE75-20425**

PERRY, JAMES EDWARD
THE DESIGN AND CONSTRUCTION OF NUMERICAL HARMONICS. (PH.D. 1974 THE PENNSYLVANIA STATE UNIVERSITY) 289p.
35/04-B, p. 1616 **BLE74-21020**

PERRY, JAMES TILDEN
THE TRANSLATION AND NORMALIZATION PACKAGES OF THE SOLID SYSTEM. (PH.D. 1971 THE PENNSYLVANIA STATE UNIVERSITY) 132p.
32/11-B, p. 6346 **BLE72-13912**

PERRY, MICHAEL
COMPUTER SIMULATION OF CONSUMER BRAND CHOICE. (PH.D. 1968 COLUMBIA UNIVERSITY) 169p.
30/04-A, p. 1280 **BLE69-15704**

PERSON, HENRY B.
A METHODOLOGY FOR DESIGNING CONVERSATIONAL DECISION SYSTEMS WITH APPLICATION TO PROJECT SELECTION PROBLEMS FORMULATED AS 0-1 INTEGER LINEAR PROGRAMMING PROBLEMS. (PH.D. 1974 UNIVERSITY OF KANSAS) 416p. 35/09-A, p. 5616 **BLE75-06238**

PERUO, PATRICK, JR.
DESIGN OF NONLINEAR CONTROL SYSTEMS VIA A TIME DOMAIN RATIO CRITERION. (PH.D. 1970 CITY UNIVERSITY OF NEW YORK) 228p.
31/04-B, p. 1973 **BLE70-19553**

PESKIN, CHARLES SAMUEL
FLOW PATTERNS AROUND HEART VALVES: A DIGITAL COMPUTER METHOD FOR SOLVING THE EQUATIONS OF MOTION. (PH.D. 1972 YESHIVA UNIVERSITY) 211p. 33/08-B, p. 2780 **BLE72-30378**

PESYNA, GAIL MARLANE
COMPUTERIZED STRUCTURE RETRIEVAL AND INTERPRETATION OF MASS SPECTRA: THE DESIGN AND EVALUATION OF A PROBABILITY BASED MATCHING SYSTEM USING A LARGE DATA BASE. (PH.D. 1975 CORNELL UNIVERSITY) 286p.
36/12-B, p. 6115 **BLE76-12866**

PETACCIO, VICTOR D.
DEMOTIVATING DEPENDENCE ON ILLEGAL DRUGS AND DE FACTO PUBLIC POLICY: AN EXPLORATORY SYSTEMS ANALYSIS OF AGENCY-BASED DRUG REHABILITATION IN THE DISTRICT OF COLUMBIA. (PH.D. 1974 TEMPLE UNIVERSITY) 189p.
35/06-A, p. 3861 BLE74-28246

PETERS, ANN MARIE
A COMPUTER ORIENTED GENERATIVE GRAMMAR OF THE XHOSA VERB. (PH.D. 1966 THE UNIVERSITY OF WISCONSIN - MADISON) 242p.
28/03-A, p. 1066 BLE66-13823

PETERS, GEORGE DAVID
FEASIBILITY OF COMPUTER-ASSISTED INSTRUCTION FOR INSTRUMENTAL MUSIC EDUCATION. (ED.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 191p. 35/03-A, p. 1478 BLE74-14698

PETERSEN, DANIEL PAUL
SAMPLING OF SPACE/TIME STOCHASTIC PROCESSES WITH APPLICATION TO INFORMATION AND DECISION SYSTEMS. (D.ENG.SC. 1963 RENSSELAER POLYTECHNIC INSTITUTE) 324p.
25/02, p. 1059 BLE64-05986

PETERSEN, MOLEN LARRY
A COMPARISON AND COST ANALYSIS OF TWO APPROACHES TO THE PROVISION OF OCCUPATIONAL INFORMATION. (ED.D. 1971 UNIVERSITY OF MISSOURI - COLUMBIA) 184p.
32/09-A, p. 4963 BLE72-10661

PETERSEN, WENDELL CHRISTIAN
ANALYTICAL AND COMPUTER-AIDED DESIGN TECHNIQUES FOR BIPOLAR AND FET TRANSISTOR AMPLIFIERS. (PH.D. 1976 CORNELL UNIVERSITY) 209p. 37/02-B, p. 908 BLE76-18183

PETERSOHN, WILLIAM HENRY HARRISON
THE IMPACT OF POWER FAILURES UPON THE USE OF COMPUTER EQUIPMENT. (PH.D. 1976 THE AMERICAN UNIVERSITY) 255p. 37/05-B, p. 2377 BLE76-26210

PETERSON, DON LAUREL
TONAL CHARACTERISTICS IN THE KYRIE AND SANCTUS SECTIONS OF TWELVE L'HOMME ARME MASSES: A COMPUTER-ASSISTED STUDY. (PH.D. 1975 THE UNIVERSITY OF WISCONSIN - MADISON) 216p. 36/08-A, p. 4842 BLE75-23864

PETERSON, JAMES BYRON
ON HIGH LEVEL DIGITAL SYSTEM DESIGN. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 124p.
35/11-B, p. 5430 BLE75-11686

PETERSON, JAMES LYLE
MODELLING OF PARALLEL-SYSTEMS. (PH.D. 1974 STANFORD UNIVERSITY) 255p.
34/12-B, p. 5944 BLE74-13675

PETERSON, JOHN THOMAS
AN ANALYTICAL MODEL OF A COMPUTER SYSTEM. (PH.D. 1975 UNIVERSITY OF KANSAS) 111p.
37/01-B, p. 338 BLE76-16765

PETERSON, LEWIS
DYNAMIC MOMENT ANALYSIS OF TRACKING SYSTEMS FOR SYMBOL SYNCHRONIZATION. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, IRVINE) 101p.
36/10-B, p. 5185 BLE76-07235

PETERSON, MARJORIE HARUE FUJI
STATISTICAL METHODS FOR ESTABLISHING EQUIVALENT SCORES IN SUCCESSIVE GENERATIONS OF A TESTING PROGRAM. (PH.D. 1975 STANFORD UNIVERSITY) 122p. 36/09-B, p. 4576 BLE76-05781

PETERSON, THOMAS HOWE
MOORE STRUCTURE: A GENERATIVE ANALYSIS OF THE TONAL SYSTEM AND ASPECTS OF THE SYNTAX. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 418p. 32/07-A, p. 3981 BLE72-02885

PETERSON, WILBUR C.
ANALYSIS OF FEEDBACK CONTROL SYSTEMS AND THE DESIGN OF STABLE INTERACTING SYSTEMS. (PH.D. 1957 NORTHWESTERN UNIVERSITY) 189p.
17/12, p. 2959 BLE00-23536

PETRASEK, ALBERT CHARLES, JR.
KINETICS AND PROCESS CONTROL OF NITRIFICATION IN COMPLETELY MIXED BIOLOGICAL WASTEWATER TREATMENT SYSTEMS. (PH.D. 1975 TEXAS A&M UNIVERSITY) 232p.
36/12-B, p. 6339 BLE76-12687

PETRASKO, BRIAN EDWARD
TOSCL: A FUNCTION GENERATOR LANGUAGE FOR CAI (COMPUTER-ASSISTED INSTRUCTION) SYSTEMS IMPLEMENTATION. (D.ENG. 1973 UNIVERSITY OF DETROIT) 151p. 34/07-B, p. 3246 BLE73-18205

PETRIE, ANTHONY GEORGE, JR.
INTEGRATION OF COMPUTERS INTO THE FINANCIAL AND COST ACCOUNTING CURRICULUM. (PH.D. 1970 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 159p.
31/09-A, p. 4325 BLE71-06597

PETRY, FREDERICK EUGENE
PROGRAM INFERENCE FROM EXAMPLE COMPUTATIONS REPRESENTED BY MEMORY SNAPSHOT TRACES. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 152p. 36/03-B, p. 1315 BLE75-19481

PETTY, JOHN WILLIAM, II
AN OPTIMAL TRANSFER-PRICING SYSTEM FOR THE MULTINATIONAL FIRM: A LINEAR-PROGRAMMING APPROACH. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 191p. 32/10-A, p. 5417 BLE72-11405

PETZNICK, GEORGE WILLIAM, JR.
COMBINATORY PROGRAMMING. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 306p.
31/11-B, p. 6563 BLE70-24812

PEYROT, ALAIN HENRI
HYBRID COMPUTER METHODS OF STRUCTURAL ANALYSIS AND SYNTHESIS. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 165p.
29/12-B, p. 4648 BLE68-16016

PFEFFERKORN, CHARLES ETON
COMPUTER DESIGN OF EQUIPMENT LAYOUTS USING THE DESIGN PROBLEM SOLVER (DPS). (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 365p.
33/01-B, p. 307 BLE72-12704

PFEIFFER, WAYNE CROCKETT
PROGRAMMING ALGORITHMS AND SYSTEMS TECHNIQUES APPLIED TO INSTITUTIONAL MENU PLANNING. (PH.D. 1970 THE UNIVERSITY OF NEBRASKA - LINCOLN) 400p.
31/08-A, p. 3749 BLE71-02917

PFETZING, JOHN JOSEPH
STUDENT UTILIZATION OF COMPUTER ASSISTED INSTRUCTION MADE AVAILABLE IN ELEMENTARY UNDERGRADUATE MATHEMATICS. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 97p.
33/11-A, p. 5981 BLE73-11667

PHEANIS, DAVID CHARLES
EFFICIENT SIMULATION OF A COMPUTER SYSTEM. (PH.D. 1974 ARIZONA STATE UNIVERSITY) 582p.
35/11-B, p. 5381 BLE75-10050

PHILIPPIDES, DEMETRIOS AGAMEMNON
THE VERNACULAR DESIGN SETTING OF ELYMBOS: A RURAL SPATIAL SYSTEM IN GREECE. (ARCH.D. 1973 THE UNIVERSITY OF MICHIGAN) 273p.
35/01-A, p. 622 BLE74-15640

PHILIPS, CHARLES ARTHUR
A STUDY OF THE EFFECT OF COMPUTER ASSISTANCE UPON THE ACHIEVEMENT OF STUDENTS UTILIZING A CURRICULUM BASED ON INDIVIDUALLY PRESCRIBED INSTRUCTION MATHEMATICS. (ED.D. 1973 TEMPLE UNIVERSITY) 91p. 34/07-A, p. 3710 BLE73-23374

PHILLIPS, ALLAN LEWIS
COMPUTER FORMULATION OF FORCED VIBRATIONS OF TREE LIMBS WITH SECONDARY BRANCHES. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, DAVIS) 161p.
29/03-B, p. 982 BLE68-12363

PHILLIPS, DON T.
A MARKOVIAN ANALYSIS OF THE CONVEYOR-SERVICED ORDERED ENTRY QUEUEING SYSTEM WITH MULTIPLE SERVERS AND MULTIPLE QUEUES. (PH.D. 1969 UNIVERSITY OF ARKANSAS) 251p.
30/02-B, p. 665 BLE69-13718

PHILLIPS, DOUGLAS DUANE
THE APPLICATION OF DYNAMIC FEEDFORWARD COMPENSATION TO LINEARIZED PROCESS CONTROL SYSTEMS. (PH.D. 1960 UNIVERSITY OF MINNESOTA) 141p. 21/01, p. 143 BLE60-02060

PHILLIPS, ELERY LEON
AN EXPERIMENTAL ANALYSIS OF GOVERNMENTAL SYSTEMS AT ACHIEVEMENT PLACE: A GROUP HOME FOR PRE-DELINQUENT BOYS. (PH.D. 1971 UNIVERSITY OF KANSAS) 77p. 32/04-A, p. 2212 BLE71-27192

PHILLIPS, FLETCHER ROOT, JR.
THE IDENTIFICATION OF NONLINEAR DYNAMICAL SYSTEMS FROM INPUT-OUTPUT DATA. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 70p.
30/08-B, p. 3650 BLE70-02246

PHILLIPS, GARY ROBERT
OPTIMAL ESTIMATION AND CONTROL OF POLLUTED STREAM VARIABLES. (PH.D. 1972 PURDUE UNIVERSITY) 216p. 33/05-B, p. 2138 BLE72-30958

PHILLIPS, JOHN PATRICK
PATTERNS OF PRICE AND COMPETITION IN THE COMPUTER INDUSTRY. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 256p.
32/10-A, p. 5443 BLE72-12339

PHILLIPS, THOMAS GORDON, JR.
A COMPARISON OF THE EFFECTIVENESS OF A PROGRAMMED TEXT AND A COMPUTER BASED DISPLAY UNIT MEDIA IN TEACHING FORTRAN IV. (ED.D. 1971 UNIVERSITY OF MISSOURI - COLUMBIA) 554p. 32/09-A, p. 5009 BLE72-10862

PHILLIPS, WILLIAM BURL
ESTIMATION AND IDENTIFICATION OF NONLINEAR SAMPLED DATA SYSTEMS. (PH.D. 1966 PURDUE UNIVERSITY) 117p. 27/11-B, p. 3942 BLE67-05482

PHILWIN, BEATRICE
ONTOGENETIC STRUCTURES AND SUBJECTIVE ORGANIZATION SYSTEMS: AN ANALYSIS OF VERBAL RESPONSE PRODUCT. (PH.D. 1975 ARIZONA STATE UNIVERSITY) 100p.
36/09-A, p. 5953 BLE76-05843

PHIPPS, JOHN LOGAN
APPLICATIONS OF SYSTEMS SCIENCES IN THE DESIGN AND DEVELOPMENT OF LARGE AUTOMATED INSTRUCTIONAL SYSTEMS. (PH.D. 1970 THE CATHOLIC UNIVERSITY OF AMERICA) 250p.
31/01-A, p. 307 BLE70-12456

PHONG, BUI TUONG
ILLUMINATION FOR COMPUTER-GENERATED IMAGES. (PH.D. 1973 UNIVERSITY OF UTAH) 102p.
34/08-B, p. 3793 BLE74-02100

PICCOLI, MARY LOUISE
PATTERN RECOGNITION AND SOCIAL CHOICE THEORY. (PH.D. 1974 PURDUE UNIVERSITY) 157p.
35/06-A, p. 3283 BLE74-26782

PIEPER, DONALD LEE
THE KINEMATICS OF MANIPULATORS UNDER COMPUTER CONTROL. (PH.D. 1969 STANFORD UNIVERSITY) 169p. 30/03-B, p. 1156 BLE69-14038

PIERCE, BILL DEAN
MINIMAX CONTROL OF A LINEAR ADAPTIVE SYSTEM WITH JUMP PARAMETERS. (PH.D. 1970 UNIVERSITY OF SOUTHERN CALIFORNIA) 116p.
31/11-B, p. 6615 BLE71-12408

PIERCE, ROBERT EUGENE
STATISTICAL ANALYSIS OF TURBULENCE USING A LARGE SCALE DIGITAL COMPUTING SYSTEM. (PH.D. 1972 THE PENNSYLVANIA STATE UNIVERSITY) 164p. 33/07-B, p. 2868 BLE72-33197

PIERRE, DONALD ARTHUR
TRANSIENT ANALYSIS AND SYNTHESIS OF LINEAR CONTROL SYSTEMS CONTAINING DISTRIBUTED-PARAMETER ELEMENTS. (PH.D. 1962 THE UNIVERSITY OF WISCONSIN - MADISON) 292p.
23/06, p. 2064 BLE63-00609

PILGRIM, PHILIP CHARLES
COMPUTER SIMULATION IN THE ANALYSIS OF SURFACE CURRENT DRIFTER DATA. (PH.D. 1975 THE UNIVERSITY OF MICHIGAN) 270p.
36/10-B, p. 5144 BLE76-09490

PINCURA, STANLEY CHARLES, JR.
STABILITY CRITERIA FOR CERTAIN NONLINEAR AND LINEAR PERIODIC CONTROL SYSTEMS. (PH.D. 1967 PRINCETON UNIVERSITY) 182p.
28/08-B, p. 3387 BLE68-02510

PING, CHIEH-MIN
APPLICATION OF CANONICAL PREDICTIVE SYSTEM TO PROBLEMS IN EDUCATION. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 94p. 36/05-A, p. 2718 BLE75-24382

PINGRY, DAVID ELDON
PROGRAMMING APPLICATIONS TO THE ECONOMIC PROBLEMS OF WATER QUALITY CONTROL. (PH.D. 1971 PURDUE UNIVERSITY) 187p.
32/08-A, p. 4199 BLE72-06013

PINKERTON, TAD BRIAN
PROGRAM BEHAVIOR AND CONTROL IN VIRTUAL STORAGE COMPUTER SYSTEMS. (PH.D. 1968 THE UNIVERSITY OF MICHIGAN) 167p.
29/03-B, p. 1095 BLE68-13378

PINKOWSKI, VERNON VICTOR
A STUDY OF THE COMMUNICATION POTENTIAL INHERENT IN THE ONGOING PROCESS OF SYSTEMS ANALYSIS. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 248p.
31/02-A, p. 595 BLE70-08324

PINKUS, ALLEN LEWIS
SHORT-TERM MEMORY: COMPUTER SIMULATION OF RECODING AND CHUNKING PROCESSES. (PH.D. 1970 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 348p. 31/09-B, p. 5672 BLE71-06106

PINKUS, CHARLES EDWARD
THE DESIGN OF MULTI-PRODUCT MULTI-ECHELON INVENTORY SYSTEMS USING A BRANCH-AND-BOUND ALGORITHM. (SC.D. 1971 THE GEORGE WASHINGTON UNIVERSITY) 146p. 32/09-B, p. 5201 BLE72-09867

PINNAMANENI, RADHAKRISHNAMURTHY
DESIGN AND ANALYSIS OF FLUTTER SUPPRESSION SYSTEMS THROUGH THE USE OF ACTIVE CONTROLS. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 208p. 36/05-B, p. 2384 BLE75-24836

PINNELL, CHARLES
DEVELOPMENT OF A LINEAR PROGRAMMING TECHNIQUE FOR A SYSTEMS ANALYSIS STUDY OF ARTERIAL STREET OPERATION. (PH.D. 1964 TEXAS A&M UNIVERSITY) 193p.
25/03, p. 1812 BLE64-07837

PINNEO, ROBERT ORIN
A COMPARATIVE STUDY OF TIME-SHARING VS. BATCH PROCESSING IN THE TEACHING OF INTRODUCTORY PROGRAMMING IN FORTRAN. (PH.D. 1973 OREGON STATE UNIVERSITY) 145p.
34/03-A, p. 1148 BLE73-21320

PIPINO, LEO LAWRENCE
THE APPLICATION OF FUZZY SETS TO SYSTEM DIAGNOSIS AND THE DESIGN OF A CONCEPTUAL DIAGNOSTIC PROCEDURE. (PH.D. 1975 UNIVERSITY OF MASSACHUSETTS) 227p.
36/09-A, p. 6196 BLE76-06381

PIRNAT, CHARLES RAYMOND
OBSERVER POSITION DETECTOR FOR THE STEREOMATRIX THREE-DIMENSIONAL DISPLAY SYSTEM. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 65p.
34/02-B, p. 628 BLE73-17361

PIRRO, ELLEN BOBERTZ
A COMPUTER ANALYSIS OF AFRICAN POLITICAL IDEOLOGY: GHANA AND GUINEA. (PH.D. 1968 YALE UNIVERSITY) 559p. 29/11-A, p. 4071 BLE69-08407

PIRTLE, MELVIN WILEY
INTERCOMMUNICATION OF DIGITAL COMPUTER PROCESSORS AND MEMORIES. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, BERKELEY) 40p.
28/04-B, p. 1516 BLE67-11667

PISANO, ALAN DAVID
MODELING, SIMULATION, AND IDENTIFICATION OF A NONLINEAR SYSTEM WITH UNKNOWN PARAMETERS APPLIED TO A COMBINED CYCLE POWER PLANT. (PH.D. 1974 NORTHEASTERN UNIVERSITY) 184p.
36/06-B, p. 2956 BLE75-28881

PITTLE, RONALD DAVID
A DIGITAL COMPUTER SIMULATION AND ANALYSIS OF A TROPOSPHERIC SCATTERING CHANNEL MODEL UTILIZING REALISTIC METEOROLOGICAL STRUCTURE AND PARAMETERS. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 137p.
31/02-B, p. 691 BLE70-03664

PIVNICHNY, JOHN ROBERT
DESIGN OF DECOUPLED MULTIVARIABLE CONTROL SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 171p. 32/03-B, p. 1577 BLE71-23847

PLACEK, ROBERT WALTER
DESIGN AND TRIAL OF A COMPUTER-ASSISTED LESSON IN RHYTHM. (ED.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 320p.
34/02-A, p. 813 BLE73-17362

PLECNIK, JOSEPH MATTHEW
OPTIMIZATION OF ENGINEERING SYSTEMS USING EXTENDED GEOMETRIC PROGRAMMING. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 99p.
35/02-B, p. 816 BLE74-17799

PLICE, WILLIAM ANDREW
DIGITAL FILTERS IN AUTOMATIC RATIONAL FUNCTION APPROXIMATION OF ANALOG SYSTEMS. (PH.D. 1975 UNIVERSITY OF MINNESOTA) 272p.
36/08-B, p. 4072 BLE76-04102

PLINER, MICHAEL STUART
PDMS–A PRIMITIVE DATA BASE MANAGEMENT SYSTEM FOR REPRESENTING STRUCTURED DATA IN AN INFORMATION SHARING ENVIRONMENT. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 264p.
32/08-B, p. 4535 BLE72-06326

PLITNIK, GEORGE RUDOLPH
THE CALCULATION OF INPUT IMPEDANCE FOR DOUBLE-REED WIND INSTRUMENTS, AND THE TIME-VARIANT ANALYSIS AND SYNTHESIS OF THEIR TONES, USING DIGITAL COMPUTER TECHNIQUES. (PH.D. 1972 BRIGHAM YOUNG UNIVERSITY) 207p.
32/08-B, p. 4781 BLE72-05759

PLOTT, HERMAN HOWELL, JR.
A STEREOSCOPIC COMPUTER GRAPHICS DISPLAY SYSTEM. (PH.D. 1972 AUBURN UNIVERSITY) 108p.
33/08-B, p. 3654 BLE73-01906

PLOUGHMAN, THEODORE LEROY
THE IMPLEMENTATION, OPERATION, AND EVALUATION OF REGIONAL DATA PROCESSING SERVICES PROVIDED OR ANTICIPATED BY MICHIGAN'S INTERMEDIATE SCHOOL DISTRICTS. (PH.D. 1968 THE UNIVERSITY OF MICHIGAN) 328p.
29/08-A, p. 2493 BLE69-02373

PLUMMER, ROBERT PATICK
A COMPUTER PROGRAM WHICH SIMULATES SENSORIMOTOR LEARNING. (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 130p.
32/07-B, p. 3891 BLE72-02401

POAGE, JAMES FREDERICK
THE DERIVATION OF OPTIMUM TESTS FOR LOGIC CIRCUITS. (PH.D. 1963 PRINCETON UNIVERSITY) 335p. 24/07, p. 2843 BLE64-01336

POKOSKI, JOHN LEONARD
TIME-OPTIMAL AND SUBOPTIMAL CONTROL OF SAMPLED-DATA SYSTEMS. (PH.D. 1967 MONTANA STATE UNIVERSITY) 139p.
28/09-B, p. 3711 BLE68-02904

POLHEMUS, NEIL WILLIAM
STATISTICAL ANALYSIS OF TRAFFIC SYSTEMS A TIME SERIES APPROACH (PH.D. 1976 PRINCETON UNIVERSITY) 352p 37/05-B, p. 2488 BLE76-23871

POLK, CHARLES HENRY
AN APPLICATION OF GENERAL SYSTEMS THEORY TO PROGRAM PLANNING (ED.D. 1970 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 186p
31/10-A, p. 5277 BLE71-10296

POLLACK, BARY WILLIAM
A SYSTEM FOR LARGE STRUCTURE GRAPHICS (PH.D. 1975 STANFORD UNIVERSITY) 202p
36/09-B, p. 4586 BLE76-05787

POLLACK, MORRIS
PRINCIPAL EMPLOYERS' PERSONNEL REQUIREMENTS AND HIGHER EDUCATION COURSE OFFERINGS IN BUSINESS DATA-PROCESSING (PH.D. 1973 NEW YORK UNIVERSITY) 391p
34/06-B, p. 2582 BLE73-30112

POLLACK, SIMCHA Z.
MODELS FOR THE PARALLEL PROCESSING OF INCREMENTAL VISUAL INFORMATION (PH.D. 1974 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 113p
35/12-B, p. 6140 BLE75-12468

POLLAK, RICHARD ALAN
THE DEVELOPMENT, IMPLEMENTATION, AND EVALUATION OF A COMPUTER-AUGMENTED SCIENCE LEARNING GAME MODEL IN AN ADAPTIVE SYSTEM (PH.D. 1972 UNIVERSITY OF PITTSBURGH) 192p 33/08-A, p. 3967 BLE73-04124

POMEROY, LEON RALPH, JR.
COMPUTER ASSISTED ELECTROENCEPHALOGRAPHIC ANALYSIS OF CHICK PYRIDOXINE DEFICIENCY STATES (PH.D. 1967 THE UNIVERSITY OF TEXAS AT AUSTIN) 138p 28/10-B, p. 4325 BLE68-04329

POMEROY, WILFORD C.
DIGITAL CONTROL OF LARGE SCALE HYBRID COMPUTERS (PH.D. 1974 UNIVERSITY OF MISSOURI - COLUMBIA) 246p 36/03-B, p. 1361 BLE75-20180

PONZO, PETER JAMES
NONLINEAR OSCILLATIONS IN A SECOND ORDER SYSTEM (PH.D. 1964 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 105p
25/02, p. 1235 BLE64-08427

POO, AUN NEOW
CONTROL SYSTEMS AND PART-EDGE-PROGRAMMING (PEP) FOR COMPUTER NUMERICAL CONTROL (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 540p 34/10-B, p. 4983 BLE73-32139

POOL, ROBERT HAROLD
THE DEVELOPMENT AND APPLICATION OF A DIGITAL COMPUTER SIMULATION OF THE RAKE CONCEPT AS RELATED TO TROPOSPHERIC SCATTER MEASUREMENT (PH.D. 1972 THE UNIVERSITY OF IOWA) 118p 32/12-B, p. 7045 BLE72-17893

POON, LEONARD WINSTON
INFORMATION PROCESSING AND THE HUMAN PARTIAL REINFORCEMENT EXTINCTION EFFECT (PH.D. 1972 UNIVERSITY OF DENVER) 77p
33/06-B, p. 2841 BLE72-31194

POPE, RHALL EDWARD
DESIGN OF STABILITY AUGMENTATION SYSTEMS FOR DECOUPLING AIRCRAFT RESPONSES (PH.D. 1972 PURDUE UNIVERSITY) 166p
33/05-B, p. 2038 BLE72-30960

POPLE, HARRY EARL, JR.
A GOAL-ORIENTED LANGUAGE FOR THE COMPUTER (PH.D. 1969 CARNEGIE-MELLON UNIVERSITY) 158p
30/05-B, p. 2278 BLE69-18591

POPOVIC, BOJAN
ANALYTIC SOLUTIONS TO SOME STOCHASTIC, ADAPTIVE, AND DUAL OPTIMAL CONTROL PROBLEMS FOR ECONOMIC DECISION-MAKING (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 212p 34/02-A, p. 480 BLE73-17387

PORCELLI, GIACOMO
OPTIMUM DESIGN OF SAMPLED-DATA SYSTEMS BY MATHEMATICAL PROGRAMMING (PH.D. 1963 UNIVERSITY OF PENNSYLVANIA) 154p
25/01, p. 363 BLE64-07392

PORTASIK, JOHN P.
SHORT-TIME STABILITY OF FORCED LINEAR TIME-VARYING SYSTEMS (PH.D. 1968 UNIVERSITY OF DENVER) 63p 29/04-B, p. 1365 BLE68-13709

PORTER, DAVID WILLIAM
STABILITY OF MULTIPLE-LOOP NONLINEAR TIME-VARYING SYSTEMS (PH.D. 1972 IOWA STATE UNIVERSITY) 121p 33/08-B, p. 3655 BLE73-03923

PORTER, HOWELL R., III
A SEMIAUTOMATED APPROACH TO THE IDENTIFICATION OF PARAMETERS IN SOCIAL MODELS (PH.D. 1975 UNIVERSITY OF LOUISVILLE) 281p 36/05-A, p. 2466 BLE75-25473

PORTER, THAN ROBINSON
A COMPARISON OF USER-ORIENTED AND MACHINE-ORIENTED STATISTICAL COMPUTER PROGRAMS (PH.D. 1967 NEW YORK UNIVERSITY) 168p
28/10-A, p. 3904 BLE68-04794

PORTER, WALTER THOMAS, JR.
A CONCEPTUAL FRAMEWORK FOR AUDITING ELECTRONIC SYSTEMS: THE UTILIZATION OF ELECTRONIC DATA PROCESSING EQUIPMENT IN AUDITING (PH.D. 1964 COLUMBIA UNIVERSITY) 294p 28/08-A, p. 2859 BLE67-10352

POSDAMER, JEFFREY LAWRENCE
A COMPUTER ORGANISATION FOR LARGE GRAPHICS SYSTEMS (PH.D. 1973 SYRACUSE UNIVERSITY) 172p 34/10-B, p. 4914 BLE74-08295

POSTEL, JONATHAN BRUCE
A GRAPH-MODEL ANALYSIS OF COMPUTER COMMUNICATIONS PROTOCOLS (PH.D. 1974 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 191p
34/11-B, p. 5418 BLE74-11603

POTASH, HANAN
A DIGITAL CONTROL DESIGN SYSTEM (PH.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 248p
30/08-B, p. 3600 BLE70-02246

POTEET, GEORGE HOWARD
A COMPUTER-ASSISTED CONTENT ANALYSIS OF FILM CRITICISM IN POPULAR AMERICAN PERIODICALS FROM 1933 THROUGH 1967 (ED.D. 1971 COLUMBIA UNIVERSITY) 121p
32/06-A, p. 2920 BLE72-01257

POWELL, EVERETT GENE
A CONCORDANCE TO THE POEMS OF GERARD MANLEY HOPKINS, WITH A COMPUTER-BASED COMMENT ON STYLE (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 1036p
32/07-A, p. 4016 BLE72-02403

POWELL, JOHN DAVID
CONTROL OF A SPINNING DRAG-FREE SATELLITE WITH AN APPLICATION OF ESTIMATION THEORY (PH.D. 1970 STANFORD UNIVERSITY) 170p
31/08-B, p. 4644 BLE71-02818

POWELL, JOHN EDWIN
A DYNAMIC PROGRAMMING APPROACH TO THE DAILY SCHEDULING OF POWER GENERATING UNITS (D.B.A. 1972 INDIANA UNIVERSITY, GRADUATE SCHOOL OF BUSINESS) 88p
33/08-B, p. 3855 BLE73-04400

POWERS, ROBERT STEVEN
QUANTIZATION ERRORS IN COMPUTER-GENERATED HOLOGRAMS (PH.D. 1975 STANFORD UNIVERSITY) 172p 36/04-B, p. 1790 BLE75-21893

POWERS, VICTOR
AN ANALYTICAL AND EMPIRICAL STUDY OF THE COMMON DATA BASE CONCEPT AND GENERALIZED DATA BASE MANAGEMENT SYSTEMS (D.B.A. 1971 UNIVERSITY OF WASHINGTON) 177p
32/08-B, p. 4709 BLE72-07406

PRABHAKAR, RAMACHANDRA
OPTIMAL AND SUBOPTIMAL CONTROL OF AUTOMOTIVE ENGINE EFFICIENCY AND EMISSIONS (PH.D. 1975 PURDUE UNIVERSITY) 341p
36/10-B, p. 5205 BLE76-07119

PRABHAKARA, FRASERPET S.
ON-LINE TRANSIENT STABILITY AND SECURITY EVALUATION USING LYAPUNOV AND PATTERN RECOGNITION METHODS (PH.D. 1974 PURDUE UNIVERSITY) 165p 35/11-B, p. 5430 BLE75-10943

PRADELS, JEAN LOUIS
THE GUIDE: AN INFORMATION SYSTEM (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 86p 35/07-B, p. 3281 BLE75-00405

PRADHAN, ASHOK HARISHCHANDRA
OPTIMIZATION OF NONLIN[illegible] SYSTEM RESPONSE USING THE LIAPUNOV FUNCTION (PH.D. 1967 UNIVERSITY OF PENNSYLVANIA) 138p
28/10-B, p. 4135 BLE68-04805

PRADHAN, BISHNU DAS
AUTOMATIC DIGITIZING AND PROCESSING OF SPATIAL DATA USING THE HOUGH POWELL FLYING SPOT SCANNER (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 227p
31/10-B, p. 5986 BLE71-07845

PRAGER, CAROL A. LEUCHS
LOGICAL SYSTEM TYPES IN INTERNATIONAL POLITICS: AN ANALYSIS OF "LOGICS-IN-USE" (PH.D. 1972 UNIVERSITY OF WASHINGTON) 299p
33/12-A, p. 7001 BLE73-13874

PRAJOTO
COMPUTER MODELING OF FISSION GAS BEHAVIOR IN CARBIDE FUELS (PH.D. 1976 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 242p
36/12-B, p. 6338 BLE76-12208

PRASAD, RAMANAND
NONLINEAR SIMULATION OF A REGIONAL HYDROLOGIC SYSTEM (PH.D. 1966 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 147p
27/02-B, p. 469 BLE66-07789

PRATHER, RONALD EUGENE
A CATEGORICAL UNIFICATION OF AUTOMATA THEORY (PH.D. 1969 SYRACUSE UNIVERSITY) 98p
30/08-B, p. 3760 BLE70-01974

PRATT, PHILIP DOUGLAS
PRACTICES EMPLOYED BY PUBLIC HIGH SCHOOLS AND POLICY STATEMENTS OF EDUCATIONAL ORGANIZATIONS IN THE COLLECTION, MAINTENANCE AND DISSEMINATION OF STUDENT INFORMATION (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 359p 34/04-A, p. 1551 BLE73-24730

PRATT, TERRENCE WENDALL
SYNTAX-DIRECTED TRANSLATION FOR EXPERIMENTAL PROGRAMMING LANGUAGES (PH.D. 1965 THE UNIVERSITY OF TEXAS AT AUSTIN) 96p
26/04, p. 2240 BLE65-10761

PRATT, VAUGHAN RONALD
SHELLSORT AND SORTING NETWORKS (PH.D. 1972 STANFORD UNIVERSITY) 64p
32/12-B, p. 6972 BLE72-16773

PRAWDA, JUAN
MULTI-PERIOD, MULTI-ECHELON, SINGLE COMMODITY, STOCHASTIC, PRODUCTION-ALLOCATION SYSTEMS, SUBJECT TO JOINT LINEAR PRODUCTION AND SHIPPING CONSTRAINTS (PH.D. 1970 NORTHWESTERN UNIVERSITY) 136p
31/08-B, p. 4707 BLE71-01943

PRESBY, LEONARD
A STATISTICAL ANALYSIS OF INFORMATION PROCESSING USING MULTIPLE MASKING IN A COMPUTERIZED VISUAL PARADIGM (PH.D. 1974 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 119p
37/03-B, p. 1377 BLE76-19607

PRESTON, RAYMOND ERNEST
A COMPUTER BASED MARRIAGE COUNSELING DATA SYSTEM (PH.D. 1971 BRIGHAM YOUNG UNIVERSITY) 227p 31/11-A, p. 5777 BLE71-12108

PRETZER, DON DALE
AN ANALYSIS OF FARM TYPE CLASSIFICATION SYSTEMS (PH.D. 1971 UNIVERSITY OF MISSOURI - COLUMBIA) 133p 33/01-A, p. 46 BLE72-19236

PREUSSER, DAVID FREDERICK
THE ROLE OF STRUCTURE AND RATE OF PRESENTATION IN THE PROCESSING OF SEQUENTIAL AUDITORY INFORMATION (PH.D. 1971 YALE UNIVERSITY) 64p 32/06-B, p. 3673 BLE71-31089

PRICE, CLIFFORD WARREN
COMPUTER SIMULATIONS OF ELASTICALLY STRAINED SURFACES AND GRAIN BOUNDARIES IN BCC CRYSTALS (PH.D. 1975 THE OHIO STATE UNIVERSITY) 249p 36/08-B, p. 4112 BLE76-03528

PRICE, GARY EDGAR
A COMPARISON OF COMPUTER AND COUNSELOR EFFECTIVENESS IN ASSISTING HIGH SCHOOL STUDENTS EXPLORE AND SELECT COURSES (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 94p
32/06-A, p. 3038 BLE71-31288

PRICE, JAMES BULLOCK
COMPARISON OF SELECTED ALGORITHMS FOR IDENTIFICATION OF LINEAR NOISY SYSTEMS (PH.D. 1976 THE OHIO STATE UNIVERSITY) 228p
37/02-B, p. 935 BLE76-18024

PRICE, SAMUEL TIMOTHY
THE DEVELOPMENT OF A THESAURUS OF DESCRIPTORS FOR AN INFORMATION RETRIEVAL SYSTEM IN SPECIAL EDUCATION (ED.D. 1969 UNIVERSITY OF PITTSBURGH) 473p
30/09-B, p. 4243 BLE70-04638

PRICE, THOMAS GORDON
PROBABILITY MODELS OF MULTIPROGRAMMED COMPUTER SYSTEMS (PH.D. 1975 STANFORD UNIVERSITY) 203p 35/12-B, p. 5848 BLE75-13578

PRICE, WILLIAM CHARLES
ELECTRONIC DATA PROCESSING IN COLLEGIATE ADMISSIONS AND REGISTRATION PROGRAMS (ED.D. 1966 UNIVERSITY OF MISSOURI - COLUMBIA) 243p
27/08-A, p. 2340 BLE67-00946

PRICE, WILLIAM ROBERT
IMPLICATIONS OF A VIRTUAL MEMORY MECHANISM FOR IMPLEMENTING PROTECTION IN A FAMILY OF OPERATING SYSTEMS (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 255p
34/05-B, p. 1976 BLE73-26861

PRIDE, BONNIE LORAINE
A CRITICAL ANALYSIS OF COMPUTER UTILIZATION BY MATHEMATICS DEPARTMENTS IN SELECTED SMALL COLLEGES (PH.D. 1972 GEORGE PEABODY COLLEGE FOR TEACHERS) 111p
33/04-B, p. 1674 BLE72-26400

PRIEMER, ROLAND
ESTIMATION IN DISCRETE SYSTEMS WITH TIME DELAYS (PH.D. 1969 ILLINOIS INSTITUTE OF TECHNOLOGY) 115p
30/01-B, p. 206 BLE69-11987

PRIESTER, ROBERT WILSON
ESTIMATION OF LINEAR, TIME-INVARIANT SYSTEMS FROM SAMPLED DATA (PH.D. 1970 VANDERBILT UNIVERSITY) 168p 31/03-B, p. 1284 BLE70-16435

PRILL, EDWARD LOUIS
A METHODOLOGY FOR ANALYSIS OF THE IMPACT ON SMALL COMMUNITIES OF THE CONSTRUCTION OF THE INTERSTATE HIGHWAY SYSTEM (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 137p 32/10-A, p. 5453 BLE72-12348

PRINTIS, ROBERT SAMUEL, JR.
THE FEEDBACK CONTROL OF SYSTEMS DESCRIBED BY QUASILINEAR PARTIAL DIFFERENTIAL EQUATIONS (PH.D. 1974 UNIVERSITY OF MARYLAND) 145p 35/04-B, p. 1709 BLE74-22679

PRITSKER, A. ALAN B.
THE OPTIMAL CONTROL OF DISCRETE STOCHASTIC PROCESSES (PH.D. 1961 THE OHIO STATE UNIVERSITY) 143p 22/07, p. 2312 BLE61-05120

PROCTOR, DEANNE DOROTHY
ANALYSIS OF THE LIGHT CURVES OF TEN ECLIPSING BINARY SYSTEMS (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 173p 32/09-B, p. 5000 BLE72-08780

PROCTOR, WILLIAM LEE
A COMPARISON OF TWO INSTRUCTIONAL STRATEGIES BASED ON COMPUTER-ASSISTED INSTRUCTION WITH A LECTURE - DISCUSSION STRATEGY FOR PRESENTATION OF GENERAL CURRICULUM CONCEPTS (PH.D. 1968 THE FLORIDA STATE UNIVERSITY) 147p
29/07-A, p. 2075 BLE69-00591

PROKOP, JAN STUART
AN INVESTIGATION OF THE EFFECTS OF COMPUTER GRAPHICS ON EXECUTIVE DECISION-MAKING IN AN INVENTORY CONTROL ENVIRONMENT (PH.D. 1969 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 99p 30/09-A, p. 3583 BLE70-03302

PRONOVOST, RAYMOND
A THREE-PARAMETER SELF-ADAPTIVE CONTROL SYSTEM EMPLOYING DISCRETE INTERVAL BINARY NOISE PERTURBATION (PH.D. 1966 THE UNIVERSITY OF SASKATCHEWAN (CANADA)) 288p
27/10-B, p. 3531 BLE67-04787

PROPST, ROY HERMAN
THE CALCULATION OF PERFORMANCE MEASURES FOR PATTERN RECOGNITION SYSTEMS (PH.D. 1970 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 63p 31/10-B, p. 5986 BLE71-10297

PRUEHER, ROI FRANCIS, JR.
AN EQUIVALENT GAIN AND STOCHASTIC ANALYSIS FOR NONLINEAR SAMPLED-DATE CONTROL SYSTEMS (PH.D. 1967 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 143p
28/04-B, p. 1517 BLE67-11906

PRUEITT, MELVIN LEWIS
COMPUTER SIMULATION OF MOLECULAR DYNAMICS (PH.D. 1971 THE UNIVERSITY OF NEW MEXICO) 179p 32/07-B, p. 4123 BLE72-04012

PRYOR, THOMAS ALLAN
AUTOMATED COMPUTER ANALYSIS OF THE ELECTROCARDIOGRAM (PH.D. 1972 UNIVERSITY OF UTAH) 109p 33/03-B, p. 1084 BLE72-24570

PUFFER, FRANK WILLIAMS
ECONOMIC POLICY BY COMPUTER: THE DYNAMIC PROGRAMMING APPROACH TO MACROECONOMIC POLICY (PH.D. 1965 BROWN UNIVERSITY) 228p
26/08, p. 4318 BLE65-13662

PUGSLEY, JAMES HARWOOD
LINEAR SEQUENTIAL MACHINES WHOSE LOGIC ELEMENTS CONTAIN DELAY (PH.D. 1963 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 75p
24/09, p. 3666 BLE64-02946

PULTZ, OSCAR JAMES
A STUDY OF PUNCHED CARD DATA PROCESSING IN SELECTED SCHOOL DISTRICTS OF NEW YORK STATE (ED.D. 1963 NEW YORK UNIVERSITY) 184p
25/02, p. 948 BLE64-06537

PUMPLIN, BRUCE A.
A PROGRAMMING SYSTEM FOR THE SIMULATION OF DIGITAL MACHINES (PH.D. 1971 IOWA STATE UNIVERSITY) 157p 32/08-B, p. 4600 BLE72-05249

PUNTEL, WALTER ROBERT
COMPUTER-AIDED DESIGN OF HIGH-VOLTAGE POWER SYSTEM TRANSMISSION LINE NETWORKS (PH.D. 1972 DREXEL UNIVERSITY) 187p
32/10-B, p. 5801 BLE72-12686

PURDOM, SEATON DRISKELL
EVOLUTION SYSTEM APPROXIMATIONS OF SOLUTIONS TO CLOSED LINEAR OPERATOR EQUATIONS (PH.D. 1975 GEORGIA INSTITUTE OF TECHNOLOGY) 61p 36/02-B, p. 761 BLE75-17492

PURDY, JAMES GERRY
THE APPLICATION OF COMPUTERS TO MODEL PHYSIOLOGICAL EFFORT IN SCORING TABLES FOR TRACK AND FIELD. (PH.D. 1972 STANFORD UNIVERSITY) 465p. 33/05-B, p. 2025 BLE72-30682

PURI, NARINDRA NATH
PARAMETER TRACKING AND ADAPTIVE CONTROL SYSTEMS. (PH.D. 1961 UNIVERSITY OF PENNSYLVANIA) 184p. 22/01, p. 211 BLE61-02057

PUROHIT, KAILASH BAJJANLAL
GENETIC INFORMATION-TRANSFER IN SENESCING APPLES DURING STORAGE. (PH.D. 1972 UNIVERSITY OF MASSACHUSETTS) 257p.
33/09-B, p. 4252 BLE73-06700

PURVES, ROBERT BYRON
AN AUTOMATIC METHOD FOR COMPUTER RECOGNITION OF CONTINUOUS SPEECH. (PH.D. 1973 BRIGHAM YOUNG UNIVERSITY) 134p.
34/03-B, p. 1211 BLE73-19589

PUSCH, WILLIAM HAROLD, JR.
PRACTICAL APPLICATIONS OF ADVANCED CONTROL THEORY. (PH.D. 1971 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 224p. 32/12-B, p. 7011 BLE72-17601

PUTERMAN, MARTIN LEE
ON THE OPTIMAL CONTROL OF DIFFUSION PROCESSES. (PH.D. 1972 STANFORD UNIVERSITY) 90p. 33/08-B, p. 3790 BLE73-04680

PUTNAM, RICHARD ERIC
A STRATEGY IN COMPUTER GRAPHICAL INPUT: AN AID TO VISUAL DESIGN. (PH.D. 1973 PURDUE UNIVERSITY) 149p. 34/08-B, p. 3747 BLE74-08034

PUTTLITZ, ALBERT FREDERICK
OPTIMAL CHARACTERISTICS OF LINEAR VIBRATION ABSORBERS FOR MINIMIZING THE RESPONSE OF VISCOUSLY UNDERDAMPED MULTIDEGREE-OF-FREEDOM VIBRATORY SYSTEMS. (PH.D. 1968 MICHIGAN TECHNOLOGICAL UNIVERSITY) 154p.
30/05-B, p. 2205 BLE69-12866

PYATI, SUDHINDRANATH
A STUDY OF ABSOLUTE STABILITY IN NONLINEAR CONTROL SYSTEMS. (PH.D. 1966 THE UNIVERSITY OF MICHIGAN) 101p. 27/07-B, p. 2362 BLE66-14575

PYLE, ROBERT HARRISON
ITERATIVE AND SEQUENTIAL STATE ESTIMATORS FOR CONTINUOUS-SYSTEMS WITH DISCRETE OBSERVATIONS. (PH.D. 1973 THE UNIVERSITY OF CONNECTICUT) 183p.
34/04-B, p. 1522 BLE73-24427

PYM, JOHN WILLIAM
OPTIMAL CONTROL OF DISTRIBUTED PARAMETER SYSTEMS WHICH ARE LINEAR IN THE CONTROL. (PH.D. 1971 RENSSELAER POLYTECHNIC INSTITUTE) 80p. 32/06-B, p. 3387 BLE72-01209

PYNE, DAVID ALBERT
DUALITY IN ABSTRACT MATHEMATICAL PROGRAMMING WITH APPLICATIONS TO STATISTICAL PROBLEMS. (PH.D. 1972 IOWA STATE UNIVERSITY) 137p. 33/10-B, p. 5058 BLE73-09478

PYOTT, WILLIAM TUCKER
NUMERICAL CLASSIFICATION OF RANGE VEGETATION AND STATISTICAL ANALYSIS OF ITS ECOLOGY. (PH.D. 1972 OREGON STATE UNIVERSITY) 267p. 33/01-B, p. 14 BLE72-20758

Q

QUAM, DAVID LAWRENCE
A NO-LIMIT-CYCLE DIGITAL COMPUTER ALGORITHM FOR PULSED ATTITUDE CONTROL OF A FLEXIBLE SPACECRAFT. (PH.D. 1975 UNIVERSITY OF WASHINGTON) 133p.
37/02-B, p. 851 BLE76-17593

QUAM, LYNN HERMAN
COMPUTER COMPARISON OF PICTURES. (PH.D. 1971 STANFORD UNIVERSITY) 130p.
32/08-B, p. 4536 BLE72-05975

QUATSE, JESSE T.
A HIGHLY-MODULAR ORGANIZATION OF GENERAL PURPOSE COMPUTERS. (PH.D. 1969 CARNEGIE-MELLON UNIVERSITY) 240p.
32/03-B, p. 1578 BLE71-22670

QUERUBIN-LONDONO, RODRIGO
STUDY OF MULTIPROGRAMMED COMPUTER SYSTEMS WITH MEMORY HIERARCHIES. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 209p.
33/09-B, p. 4281 BLE73-07623

QUICK, GORDON DOUGLAS
A COMPUTER SIMULATION ANALYSIS OF ALTERNATIVE METHODS OF ACCOUNTING FOR UTILITY CONSTRUCTION WORK IN PROGRESS. (PH.D. 1974 THE UNIVERSITY OF FLORIDA) 332p.
36/03-A, p. 1695 BLE75-19380

QUINN, JOHN PHILLIP
TIME OPTIMAL CONTROL OF LINEAR DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 67p.
31/03-B, p. 1408 BLE70-03672

QUIRK, WILLIAM JOSEPH
COMPUTER SIMULATIONS OF PROCESSES IN GALACTIC DYNAMICS. (PH.D. 1970 COLUMBIA UNIVERSITY) 108p. 31/09-B, p. 5142 BLE71-06242

R

RADEMACHER, ROBERT ALLEN
COGNITIVE LEVELS IN COMPUTER EDUCATION FOR BUSINESS. (PH.D. 1971 THE UNIVERSITY OF NEBRASKA - LINCOLN) 173p.
32/06-B, p. 3473 BLE72-00176

RADES, ROBERT JOHN
FARMER REACTIONS TO SELECTED OPERATIONS RESEARCH MODELS. (PH.D. 1972 PURDUE UNIVERSITY) 203p. 33/09-A, p. 4838 BLE73-06069

RADLER, CHARLES MATTHEW
THE RESPONSE OF LINEAR LUMPED-PARAMETER DAMPED SYSTEMS. (PH.D. 1963 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 158p.
24/12, p. 5288 BLE64-06131

RADOSEVICH, HENRY RAYMOND
A MAN-COMPUTER SIMULATION OF CORPORATE STRATEGY FORMULATION IN A TECHNOLOGY-BASED FIRM. (PH.D. 1969 CARNEGIE-MELLON UNIVERSITY) 269p. 30/05-A, p. 1684 BLE69-17808

RADVAK, BETTY JEAN
THE PROCESS OF CREATING AN ADAPTIVE LEARNING ENVIRONMENT THROUGH FORMATIVE EVALUATION FEEDBACK FROM A MONITORING SYSTEM. (ED.D. 1974 UNIVERSITY OF PITTSBURGH) 177p. 35/08-A, p. 4874 BLE75-04077

RADZIKOWSKI, JOHN STEPHEN
SELECTED EFFECTS OF PERFORMING A SYSTEMS ANALYSIS IN AN EDUCATIONAL MANAGEMENT SETTING: PLANNING THE RHODE ISLAND TEACHER CENTER WITH THE DISCREPANCY EVALUATION MODEL. (PH.D. 1975 UNIVERSITY OF VIRGINIA) 109p.
36/04-A, p. 2110 BLE75-22154

RAGHAVAN, PALANICHAMY
GUARANTEED TIME CONTROL OF LINEAR DYNAMIC SYSTEMS CONTAINING UNCERTAIN PARAMETERS. (PH.D. 1974 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 120p.
35/06-B, p. 2757 BLE74-27823

RAGLAND, LARRY CALVIN
A VERIFIED PROGRAM-VERIFIER. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 160p.
34/05-B, p. 1976 BLE73-26085

RAHMLOW, HAROLD FRANK
TECHNIQUES FOR INTRODUCING COMPUTER USAGE TO GRADUATE STUDENTS IN EDUCATION. (PH.D. 1965 WASHINGTON STATE UNIVERSITY) 120p.
26/06, p. 3177 BLE65-11545

RAI, IQBAL SINGH
MATHEMATICAL MODELING AND NUMERICAL ANALYSIS OF FLOW OF GASES AROUND SANITARY LANDFILLS. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 262p. 36/11-B, p. 5714 BLE76-10030

RAILEY, ROBERT MACFARLANE
COMPUTER MODELING OF PROTON TRANSFER REACTIONS AT THE ALUMINA/WATER INTERFACE. (PH.D. 1976 STANFORD UNIVERSITY) 226p.
36/12-B, p. 6196 BLE76-13066

RAINS, ROBERT GROVER
ON THE CHOICE OF A SYSTEM AND SENSOR CONFIGURATION FOR OPTIMAL LINEAR ESTIMATION. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, IRVINE) 170p.
33/11-B, p. 5318 BLE73-11858

RAJARAMAN, MANJERI K.
ON SOME ASPECTS OF CONVEX OPTIMAL CONTROL THEORY. (PH.D. 1971 TEXAS TECH UNIVERSITY) 111p. 32/09-B, p. 5201 BLE72-10372

RAJARAMAN, VAIDYESWARAN
THEORY OF PARAMETER-PERTURBATION ADAPTIVE AND OPTIMIZING CONTROL SYSTEMS. (PH.D. 1961 THE UNIVERSITY OF WISCONSIN - MADISON) 163p.
22/03, p. 834 BLE61-03152

RAJASEKARAN, PERIAGARAM KRISHNAMURTHI
ADAPTIVE PATTERN RECOGNITION. (PH.D. 1971 SOUTHERN METHODIST UNIVERSITY) 94p.
32/06-B, p. 3363 BLE72-00659

RAJTORA, STANLEY GENE
APPLICATION OF PROJECTION OPERATOR TECHNIQUES TO OPTIMAL CONTROL PROBLEMS. (PH.D. 1972 IOWA STATE UNIVERSITY) 152p.
33/10-B, p. 4773 BLE73-09479

RAJU, G. V. S. SATYANARAYANA
STUDY OF SOME ASPECTS OF LINEAR TIME-INVARIANT SYSTEMS. (PH.D. 1966 POLYTECHNIC INSTITUTE OF NEW YORK) 94p.
27/07-B, p. 2364 BLE66-11445

RALL, DEFOREST J.
DATA-PROCESSING FOR NON - DATA-PROCESSORS. (PH.D. 1974 THE UNIVERSITY OF NORTH DAKOTA) 191p. 36/02-A, p. 672 BLE75-18020

RAMANADHAN, KRISHNAN
COMPARISON OF DIGITAL AND HYBRID COMPUTER TECHNIQUES FOR SOLVING PARABOLIC EQUATIONS. (PH.D. 1971 PURDUE UNIVERSITY) 253p.
32/02-B, p. 912 BLE71-20529

RAMANATHAN, KAVASSERI VAIDIANATHA
A MATHEMATICAL PROGRAMMING APPROACH TO STRATEGIC PLANNING IN DIVERSIFIED FIRMS. (PH.D. 1970 NORTHWESTERN UNIVERSITY) 246p.
31/07-A, p. 3111 BLE71-01944

RAMANI, KALAYAM SUNDARARAJAN
NONLINEAR OPTIMIZATION OF MULTIVARIABLE SYSTEMS. (PH.D. 1973 DREXEL UNIVERSITY) 282p.
34/05-B, p. 2004 BLE73-25519

RAMARAO, NAGAVARAPU
THEORETICAL AND COMPUTATIONAL ASPECTS OF OPTIMAL CONTROL OF POWER SYSTEM TRANSIENTS: A. A NEW METHOD OF IMPROVING TRANSIENT STABILITY. B. HYBRID COMPUTER SOLUTION OF THE RESULTING TWO-POINT BOUNDARY VALUE PROBLEM. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 384p.
31/06-B, p. 3405 BLE70-15911

RAMBALLY, RODNEY S.
ASYMPTOTIC PROPERTIES OF SOLUTIONS OF PERTURBED NONLINEAR SYSTEMS OF ORDINARY DIFFERENTIAL EQUATIONS. (PH.D. 1972 THE UNIVERSITY OF SASKATCHEWAN (CANADA)) 79p.
33/10-B, p. 4918 BLE73-08127

RAMER, EUGEN URS
COMPUTER EDGE EXTRACTION FROM PHOTOGRAPHS OF CURVED OBJECTS. (PH.D. 1974 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 155p. 37/03-B, p. 1335 BLE76-19908

RAMEY, JIMMIE DALE
A NUMERICAL ANALYSIS OF NONCIRCULAR CYLINDRICAL SHELLS. (PH.D. 1969 OKLAHOMA STATE UNIVERSITY) 81p.
31/08-B, p. 4671 BLE70-21464

RAMIREZ, JESUS ARTURO
AUTOMATIC GENERATION OF DATA CONVERSION-PROGRAMS USING A DATA DESCRIPTION LANGUAGE (DDL). (PH.D. 1973 UNIVERSITY OF PENNSYLVANIA) 491p.
34/04-B, p. 1465 BLE73-24211

RAMIREZ, WALTER GENE
MEASURES OF THREE TYPES OF INFORMATION PROCESSING RELATED TO LANGUAGE AND NON-LANGUAGE INTELLIGENCE. (PH.D. 1968 UNIVERSITY OF OREGON) 95p. 29/10-A, p. 3470 BLE69-06660

RAMNATH, RUDRAPATNA VENKATARAMAIYA
A MULTIPLE TIME SCALES APPROACH TO THE ANALYSIS OF LINEAR SYSTEMS. (PH.D. 1968 PRINCETON UNIVERSITY) 202p.
29/08-B, p. 2847 BLE69-02564

RAMOS, GEORGE URBAN
I. ON THE FAST FOURIER TRANSFORM; II. ON THE COMPUTATIONS IN DIGITAL HOLOGRAPHY. (PH.D. 1970 STANFORD UNIVERSITY) 91p.
31/08-B, p. 4630 BLE71-02821

RAMSEY, JACKSON EUGENE
THE RESEARCH AND DEVELOPMENT TO OPERATIONS PLANNING PROCESS: A STRATEGIC ANALYSIS. (PH.D. 1976 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 361p. 37/02-A, p. 1088 BLE76-17044

RANDALL, L. SCOTT
A RELATIONAL MODEL OF DATA FOR THE DETERMINATION OF OPTIMUM COMPUTER STORAGE STRUCTURES. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 485p. 32/11-B, p. 6346 BLE72-14972

RANDALL, MICHAEL J.
FREQUENCY RESPONSE IDENTIFICATION OF TIME-VARYING SYSTEMS. (PH.D. 1969 UNIVERSITY OF CINCINNATI) 158p. 30/11-B, p. 5052 BLE70-09807

RANDALL, REED HEBER
SUPPLEMENTAL AIRLINE FLEET PLANNING: A MATHEMATICAL PROGRAMMING APPROACH. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 144p.
31/02-A, p. 520 BLE70-13142

RANDOLPH, JAMES RUSSELL
COMPUTER-BASED OCCUPATION SIMULATION FOR NINTH-GRADE STUDENTS. (PH.D. 1972 UNIVERSITY OF MISSOURI - COLUMBIA) 144p.
33/09-A, p. 5056 BLE73-07073

RANDOLPH, JOHN ERNEST
SHARED PROCESSOR MODELING OF ALGORITHMS WITH PARALLELISM. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, DAVIS) 126p.
33/03-B, p. 1084 BLE72-24614

RANE, DINKAR SHANKAR
ON THE NUMERICAL SOLUTION OF LINEAR AND NONLINEAR SYSTEM MODELS. (PH.D. 1962 MICHIGAN STATE UNIVERSITY) 73p.
23/12, p. 4839 BLE63-03737

RANGEL-SOSTMANN, RAFAEL
COMPUTER CONTROL OF A TEMPERATURE-RELATIVE HUMIDITY PROCESS. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 215p.
34/10-B, p. 4984 BLE73-28939

RAO, C. PRASADA
APPLICATION OF COMPUTER TECHNIQUES TO THE PETROGRAPHIC STUDY OF OOLITIC ENVIRONMENTS, STE. GENEVIEVE LIMESTONE (MISSISSIPPIAN), SOUTHERN ILLINOIS AND EASTERN MISSOURI. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 111p.
31/09-B, p. 5310 BLE71-05211

RAO, DILEEP RAGHURAM
A COMPARISON OF FOUR TECHNIQUES OF TECHNOLOGICAL FORECASTING: 1. MATHEMATICAL PROGRAMMING, 2. CROSS-IMPACT ANALYSIS, 3. MODIFIED DELPHI, 4. ENVELOPE CURVE. (PH.D. 1975 UNIVERSITY OF MINNESOTA) 358p. 37/01-A, p. 448 BLE76-14999

RAO, HIRANYA SUBBARAO
ON THE CONTROL OF DYNAMICAL SYSTEMS HAVING STOCHASTIC INPUTS. (PH.D. 1970 UNIVERSITY OF HOUSTON) 168p. 31/08-B, p. 4719 BLE71-02498

RAO, JAI RAM
ANALYTIC MODELS IN MEMORY AND PROCESSOR ALLOCATION. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 170p.
33/11-B, p. 5243 BLE73-10472

RAO, K. KAMALAKAR
NUMERICAL ANALYSIS OF THE LAMINAR BOUNDARY LAYER EQUATIONS FOR FLOW OVER YAWED WINGS. (PH.D. 1968 THE UNIVERSITY OF MICHIGAN) 200p. 29/04-B, p. 1375 BLE68-13385

RAO, KAMESWARA KOLLA
DEVELOPMENT OF COMPUTER CONTROLLED VACUUM ULTRAVIOLET REFLECTOMETER AND STUDY OF OPTICAL PROPERTIES OF LITHIUM-FLUORIDE, SODIUM-FLUORIDE AND POTASSIUM-FLUORIDE. (PH.D. 1975 THE UNIVERSITY OF WISCONSIN - MADISON) 176p.
36/06-B, p. 2905 BLE75-18190

RAO, MANNIGE VIKRAM
THERMOCHEMICAL ANALYSIS OF PHASE EQUILIBRIA IN ALLOY SYSTEMS. (PH.D. 1972 STANFORD UNIVERSITY) 212p. 32/12-B, p. 7155 BLE72-16777

RAO, SUDHAKARA KUMBLEKERE
SINGULAR OPTIMAL CONTROL IN LINEAR DISCRETE SYSTEMS. (SC.D. 1971 WASHINGTON UNIVERSITY) 87p. 32/02-B, p. 946 BLE71-18846

RAO, VALA DHARMASAGAR
CONTROL OF LINEAR SYSTEMS WITH PARTIALLY KNOWN INITIAL CONDITIONS. (PH.D. 1971 CARNEGIE-MELLON UNIVERSITY) 181p.
32/04-B, p. 2186 BLE71-24863

RAPP, MATTHIAS HANS
PLANNING DEMAND-ADAPTIVE URBAN PUBLIC TRANSPORTATION SYSTEMS: THE MAN-COMPUTER INTERACTIVE GRAPHIC APPROACH. (PH.D. 1972 UNIVERSITY OF WASHINGTON) 218p. 33/05-B, p. 2062 BLE72-28650

RAPP, RICHARD HENRY
THE PREDICTION OF POINT AND MEAN GRAVITY ANOMALIES THROUGH THE USE OF A DIGITAL COMPUTER. (PH.D. 1964 THE OHIO STATE UNIVERSITY) 188p. 25/08, p. 4365 BLE65-01214

RASCH, PHILIP JOHN
A QUEUEING THEORY STUDY OF TIME-SHARED COMPUTER SYSTEMS. (PH.D. 1967 SOUTHERN METHODIST UNIVERSITY) 95p. 29/03-B, p. 1010 BLE68-12456

RASIS, YONA
STOCHASTIC OBSERVERS FOR NONLINEAR DYNAMIC SYSTEMS. (D.SC. 1974 WASHINGTON UNIVERSITY) 84p. 36/01-B, p. 331 BLE75-14934

RASMUSSEN, OSCAR ANDREW, JR.
CONCEPTUALIZATIONS OF TEACHING ROLES FOR COMPUTER-RELATED INSTRUCTION IN COMMUNITY COLLEGE TECHNOLOGY PROGRAMS. (ED.D. 1975 UNIVERSITY OF HOUSTON) 140p. 36/05-A, p. 2769 BLE75-23944

RASMUSSEN, WILLIAM OTTO
A CAI (COMPUTER ASSISTED INSTRUCTION) LANGUAGE FOR MINI-COMPUTERS WITH SAMPLE DIALOGUE AND PROBLEMS RELATING PHYSICS AND WILDLAND HYDROLOGY. (PH.D. 1973 THE UNIVERSITY OF ARIZONA) 159p. 34/06-B, p. 2562 BLE73-28764

RASTOGI, LAXMI KANT
MODELING AND CONTROL OF MULTIPLE EFFECT BLACK LIQUOR EVAPORATOR SYSTEMS. (PH.D. 1974 PURDUE UNIVERSITY) 294p. 35/11-B, p. 5431 BLE75-10945

RATHSWOHL, EUGENE JOSEPH
TOWARD A CRITICAL SCIENCE OF INFORMATION: INFORMATOLOGY. (PH.D. 1973 UNIVERSITY OF PITTSBURGH) 277p. 35/01-A, p. 389 BLE74-14974

RATNER, ROBERT STEPHEN
PERFORMANCE-ADAPTIVE RENEWAL POLICIES FOR THE OPERATION OF LINEAR SYSTEMS SUBJECT TO FAILURE. (PH.D. 1968 STANFORD UNIVERSITY) 91p. 29/07-B, p. 2443 BLE69-00274

RATTAN, KULDIP SINGH
COMPUTER-AIDED DESIGN OF SAMPLED-DATA CONTROL SYSTEMS VIA COMPLEX-CURVE FITTING. (PH.D. 1975 UNIVERSITY OF KENTUCKY) 157p. 36/12-B, p. 6313 BLE76-14275

RAUCH, DONALD JOHN
ON THE REALIZATION OF TIME DOMAIN MODELS OF REAL LINEAR BIELEMENT SYSTEMS. (PH.D. 1963 MICHIGAN STATE UNIVERSITY) 85p. 25/01, p. 384 BLE64-07536

RAUCH, PETER ANTON
ELECTRONIC DATA PROCESSING FOR ENTOMOLOGICAL MUSEUMS, AN ECONOMICAL APPROACH TO AN EXPENSIVE PROBLEM. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, RIVERSIDE) 89p. 31/10-B, p. 6099 BLE71-08803

RAULT, ANDRE JEAN
STABILITY OF TIME-VARYING FEEDBACK SYSTEMS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 146p. 27/11-B, p. 3943 BLE67-05147

RAUSCHER, TOMLINSON GENE
DYNAMIC PROBLEM ORIENTED REDEFINITION OF COMPUTER ARCHITECTURE VIA MICROPROGRAMMING. (PH.D. 1975 UNIVERSITY OF MARYLAND) 220p. 37/02-B, p. 855 BLE76-18707

RAUTAHARJU, PENTTI MATTI
QUANTITATIVE SPATIAL VECTOR ANALYSIS OF ELECTROCARDIOGRAPHIC DATA BY ELECTRONIC COMPUTER MEANS. (M.D.PH.D. 1963 UNIVERSITY OF MINNESOTA) 164p. 25/07, p. 4228 BLE65-00073

RAVICZ, ARTHUR EUGENE
NON-IDEAL STAGE MULTICOMPONENT ABSORBER CALCULATIONS BY AUTOMATIC DIGITAL COMPUTER. (PH.D. 1959 THE UNIVERSITY OF MICHIGAN) 251p. 20/05, p. 1705 BLE59-04973

RAWICZ, HARRIS CHARLES
AN ENVELOPE SHAPING CIRCUIT AND ITS DESIGN ANALYSIS FOR USE IN SUPPRESSED CARRIER SYSTEMS. (PH.D. 1968 STEVENS INSTITUTE OF TECHNOLOGY) 140p. 29/05-B, p. 1678 BLE68-16223

RAY, FRANK BARNETT
DIRECTED GRAPH STRUCTURES FOR DATA-BASE MANAGEMENT: THEORY, STORAGE STRUCTURES AND ALGORITHMS. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 143p. 34/02-B, p. 628 BLE73-18485

RAYACHOTI, VASUDEV
AN INVESTIGATION OF THE EFFECT OF COMPONENT VARIATION UPON THE BEHAVIOR OF TIME-VARYING SYSTEMS. (PH.D. 1975 STEVENS INSTITUTE OF TECHNOLOGY) 250p. 36/09-B, p. 4632 BLE76-05035

RAYNOR, RANDALL JAY
MINIMIZATION OF SUPERVISOR CONFLICT FOR MULTIPROCESSOR COMPUTER SYSTEMS. (PH.D. 1974 GEORGIA INSTITUTE OF TECHNOLOGY) 138p. 35/07-B, p. 3281 BLE74-30074

RAZAVI, HOSSEIN G.
OPTIMAL STOCHASTIC CONTROL OF ECONOMETRIC MODELS. (PH.D. 1974 UNIVERSITY OF MARYLAND) 139p. 36/02-A, p. 992 BLE75-17801

REAMES, CECIL CLAY
SYSTEM DESIGN OF THE DISTRIBUTED LOOP COMPUTER NETWORK (DLCN). (PH.D. 1976 THE OHIO STATE UNIVERSITY) 252p. 37/02-B, p. 856 BLE76-18028

REARDON, BERNARD CHARLES
DEPOSITED LOOPS COUPLING MAGNETIC FILMS AS FAST COMPUTER ELEMENTS. (PH.D. 1964 CALIFORNIA INSTITUTE OF TECHNOLOGY) 187p. 25/08, p. 4614 BLE64-08664

REARDON, JOHN FRANCIS
A DISCRIMINATIVE STUDY OF THE FACTORS WHICH ARE OFFERED AS REASONS FOR THE EXCLUSION OF ELECTRONIC DATA PROCESSING FROM COLLEGIATE ACCOUNTING COURSES. (ED.D. 1972 TEMPLE UNIVERSITY) 210p. 33/01-A, p. 4 BLE72-20207

REBHUN, HERBERT FREDERICK
THE DEVELOPMENT, IMPLEMENTATION AND EVALUATION OF A COMPUTER SUPPORT SYSTEM FOR THE MANAGEMENT OF COMPETENCY-BASED INDIVIDUALIZED PROGRAMS. (PH.D. 1974 THE FLORIDA STATE UNIVERSITY) 155p. 35/10-A, p. 6371 BLE75-08056

RECH, PAUL
DECOMPOSITION AND INTERCONNECTED SYSTEMS IN MATHEMATICAL PROGRAMMING. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, BERKELEY) 89p. 26/12, p. 7344 BLE66-03678

REDDI, SREERANGAPALLE SRINIVASULU
SEQUENCING STRATEGIES IN PIPELINE COMPUTER SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 120p. 33/09-B, p. 4281 BLE73-07627

REDDY, DABBALA RAJAGOPAL
AN APPROACH TO COMPUTER SPEECH RECOGNITION BY DIRECT ANALYSIS OF THE SPEECH WAVE. (PH.D. 1966 STANFORD UNIVERSITY) 150p. 27/10-B, p. 3606 BLE67-04420

REDDY, DEVENDAR CHINCHODE
PARAMETER SENSITIVITY OF LINEAR TIME-INVARIANT, DYNAMIC SYSTEMS. (PH.D. 1967 THE UNIVERSITY OF IOWA) 98p. 28/02-B, p. 687 BLE67-09094

REDDY, NARENDER PABBATHI
A DISCRETE MODEL OF THE LYMPHATIC SYSTEM. (PH.D. 1974 TEXAS A&M UNIVERSITY) 206p. 36/01-B, p. 340 BLE75-15061

REDDY, ROODA RAGHUNADHA
OPERATIONS RESEARCH APPLICATIONS IN MINE PLANNING. (ENG.SC.D. 1971 COLUMBIA UNIVERSITY) 140p. 34/10-B, p. 4994 BLE74-08205

REDDY, YENUMULA VENKATA RAMANA
DEVELOPMENT OF A NEW DISCRETE SIMULATION LANGUAGE FOR MODELLING TRANSPORTATION SYSTEMS. (PH.D. 1973 WEST VIRGINIA UNIVERSITY) 152p. 35/01-B, p. 181 BLE74-11398

REDISCH, WILLIAM NORTON
EQUILIBRIUM ANALYSIS AND ITS APPLICATION TO ATTITUDE CONTROL SYSTEMS. (PH.D. 1967 POLYTECHNIC INSTITUTE OF NEW YORK) 136p. 28/05-B, p. 1939 BLE67-13413

REDMAN, DAVID E.
THE IMPACT OF INFORMATION TECHNOLOGY ON HOSPITAL MANAGEMENT INFORMATION SYSTEMS: A COMPARATIVE STUDY. (PH.D. 1975 THE AMERICAN UNIVERSITY) 314p. 36/06-A, p. 3184 BLE75-20540

REDWINE, COOPER NELSON
A MATHEMATICAL PROGRAMMING APPROACH TO PRODUCTION SCHEDULING IN A STEEL MILL. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 166p. 32/06-B, p. 3309 BLE72-01601

REED, FRANK CURRY
ON THE OPTIMAL CONTROL OF SINGLE-SERVER QUEUEING SYSTEMS. (PH.D. 1974 STANFORD UNIVERSITY) 283p. 35/06-B, p. 2920 BLE74-27092

REED, JOHN HENRY
THE APPLICATION OF OPERATIONS RESEARCH TO DELAY IN A CRIMINAL COURT OF ORIGINAL JURISDICTION. (PH.D. 1972 THE AMERICAN UNIVERSITY) 554p. 33/05-A, p. 2475 BLE72-30106

REED, KENNETH LEE
A COMPUTER SIMULATION MODEL OF SEASONAL TRANSPIRATION IN DOUGLAS-FIR BASED ON A MODEL OF STOMATAL RESISTANCE. (PH.D. 1972 OREGON STATE UNIVERSITY) 143p. 32/09-B, p. 5065 BLE72-09823

REED, ROBERT GAIL
GENERATOR CONTROLS: FIXED PARAMETER, ADAPTIVE, AND NONLINEAR COMPENSATED. (PH.D. 1970 VANDERBILT UNIVERSITY) 140p. 31/06-B, p. 3406 BLE70-24886

REED, ROBERT RAYMOND
ANALYSIS AND DESIGN OF CERTAIN NONLINEAR SYSTEMS USING AN EXPONENTIAL SERIES. (PH.D. 1963 OKLAHOMA STATE UNIVERSITY) 163p. 25/02, p. 1126 BLE64-06947

REED, THEODORE LIBBY
STRUCTURE AND PROCESS IN ORGANIZATIONAL CAREERS: A COMPUTER SIMULATION OF PROMOTION IN THE AMERICAN FOREIGN SERVICE. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 295p. 33/11-A, p. 6474 BLE73-11239

REEDY, ANN ELIZABETH
AMBIGUITY IN REWRITE SYSTEMS. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, SAN DIEGO) 114p. 35/05-B, p. 2141 BLE74-23972

REEDY, EDWARD KYLE
A COMPUTER-AIDED STUDY OF A 600 MHZ DECADE SCALING SYSTEM. (PH.D. 1968 THE UNIVERSITY OF TENNESSEE) 212p. 29/11-B, p. 4178 BLE69-07179

REES, JOCELYN MARIE
SOME COGNITIVE AND AFFECTIVE OUTCOMES OF MODALITY STRUCTURED INSTRUCTION IN THE LINEAR METRIC SYSTEM. (PH.D. 1975 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 91p. 36/04-A, p. 2011 BLE75-22221

REESE, DONALD
ATTITUDES OF COLLEGIATE BUSINESS FACULTY AND MANAGEMENT PERSONNEL TOWARD COMPUTERS AND COMPUTER UTILIZATION IN BUSINESS. (PH.D. 1967 THE UNIVERSITY OF IOWA) 182p. 28/06-A, p. 1938 BLE67-16828

REEVES, GARY RAYMOND
NONCONVEX ALL-QUADRATIC PROGRAMMING. (D.SC. 1973 WASHINGTON UNIVERSITY) 144p. 34/12-B, p. 6112 BLE74-13812

REEVES, PHILIP NORMAN
A STUDY OF ADOPTION OF ELECTRONIC DATA PROCESSING IN THE HOSPITAL INDUSTRY. (D.B.A. 1970 THE GEORGE WASHINGTON UNIVERSITY) 321p. 31/02-A, p. 521 BLE70-14167

REEVES, THOMAS EDWARD
A MULTIPLE SUBSYSTEM SIMULATOR OF PROCESSOR SCHEDULING. (PH.D. 1975 TEXAS A&M UNIVERSITY) 177p. 36/05-B, p. 2355 BLE75-25136

REFIOGLU, HASAN ILHAN
THIN FILM TRANSISTORS (TFTS) AND THEIR APPLICATION TO A HYBRID FLAT DISPLAY SYSTEM. (PH.D. 1975 ARIZONA STATE UNIVERSITY) 180p. 36/06-B, p. 2957 BLE75-28490

REGGIORI, GIOVANNI B.
DIGITAL COMPUTER TRANSFORMATIONS FOR IRREGULAR LINE-DRAWINGS. (PH.D. 1972 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 179p. 33/10-B, p. 4762 BLE73-09081

REGIS, RENAUD CHARLES
SYSTEMS OF CONCURRENT PROCESSES: STRUCTURAL PROPERTIES AND STOCHASTIC ANALYSIS. (PH.D. 1972 THE JOHNS HOPKINS UNIVERSITY) 187p. 34/02-B, p. 628 BLE73-12165

REIBER, JOHAN HENDRIKUS CHRISTIAAN
REAL-TIME DETECTION AND DATA ACQUISITION SYSTEM FOR THE LEFT VENTRICULAR OUTLINE. (PH.D. 1976 STANFORD UNIVERSITY) 325p. 36/12-B, p. 6314 BLE76-13068

REID, GERALD FOSTER
ECONOMIC DISPATCH OF ELECTRIC POWER SYSTEMS USING QUADRATIC-PROGRAMMING. (PH.D. 1973 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 100p. 34/04-B, p. 1522 BLE73-23436

REID, JARVE GARY
SENSITIVITY OPERATORS AND ASSOCIATED SYSTEM CONCEPTS FOR LINEAR DYNAMIC SYSTEMS. (PH.D. 1975 AIR FORCE INSTITUTE OF TECHNOLOGY) 211p. 36/11-B, p. 5746 BLE76-10089

REID, WILLIAM HARPER
ANALYSIS OF PLANT ECOLOGICAL SYSTEMS THROUGH SIMULATION OF INDIVIDUAL ORGANISMS. (PH.D. 1974 UNIVERSITY OF COLORADO AT BOULDER) 278p. 35/08-B, p. 3751 BLE75-03624

REIDY, ROBERT JOSEPH, JR.
A COMPARATIVE ANALYSIS OF SELECTED PUBLIC ELEMENTARY COMMUNITY SCHOOL ADMINISTRATIVE SYSTEMS AND PUBLIC ELEMENTARY NON-COMMUNITY SCHOOL ADMINISTRATIVE SYSTEMS USING THE LIKERT ADMINISTRATIVE SYSTEMS MODEL. (PH.D. 1975 THE UNIVERSITY OF CONNECTICUT) 163p. 36/10-A, p. 6412 BLE76-07212

REIF, WILLIAM ERVIN
THE EFFECT OF THE COMPUTER UPON THE MANAGERIAL STRUCTURE. (PH.D. 1966 THE UNIVERSITY OF IOWA) 237p. 27/05-A, p. 1146 BLE66-11694

REIGEL, EARL WILLIAM
PARALLELISM EXPOSURE AND EXPLOITATION IN DIGITAL COMPUTING SYSTEMS. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 285p. 30/06-B, p. 2646 BLE69-21419

REINHARD, ERWIN ARTHUR
A COMPUTER-AIDED INSTRUCTIONAL SYSTEM FOR TRANSMISSION LINE SIMULATION. (PH.D. 1968 THE UNIVERSITY OF TEXAS AT AUSTIN) 134p. 29/10-B, p. 3749 BLE69-06206

REINHARD, KENNETH LYNN
ADAPTIVE ANTENNA ARRAYS FOR CODED COMMUNICATION SYSTEMS. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 231p. 34/11-B, p. 5471 BLE74-11036

REINHARDT, RICHARD LEE
AN ANALYSIS OF IMPROVED NUMERICAL SOLUTIONS TO THE STOCHASTIC COLLECTION EQUATION FOR CLOUD DROPLETS. (PH.D. 1972 UNIVERSITY OF NEVADA, RENO) 119p. 33/05-B, p. 2253 BLE72-29756

REINHARTSEN, DAVID RAYNOLD
SYNTHESIS OF A TAUGHT DIGITAL CONTROLLER FOR A CLASS OF SECOND-ORDER AND THIRD-ORDER RELAY CONTROL SYSTEMS. (PH.D. 1966 THE UNIVERSITY OF WISCONSIN - MADISON) 260p. 27/04-B, p. 1156 BLE66-05935

REIS, RICHARD MARK
A COMPARISON BETWEEN TWO LABORATORY PROGRAMS DESIGNED TO DEVELOP AN UNDERSTANDING OF HYPOTHESIS FORMATION AND TESTING. (PH.D. 1971 STANFORD UNIVERSITY) 221p. 32/10-A, p. 5537 BLE72-11645

REISS, RUSSELL ARTHUR
A STOCHASTIC, FINITE-STATE MODEL OF HUMAN, MULTI-STAGE DECISION-MAKING. (PH.D. 1972 THE UNIVERSITY OF CONNECTICUT) 169p. 32/09-B, p. 5142 BLE72-08900

REISTER, KERMIT WILLIAM
MODIFIED KALMAN FILTERING FOR A CLASS OF NONLINEAR SYSTEMS. (PH.D. 1968 UNIVERSITY OF UTAH) 120p. 29/04-B, p. 1366 BLE68-14041

REKASIUS, ZENONAS V.
STABILITY ANALYSIS OF NONLINEAR CONTROL SYSTEMS BY THE SECOND METHOD OF LIAPUNOV. (PH.D. 1961 PURDUE UNIVERSITY) 180p. 22/01, p. 212 BLE61-02499

REMEC, MATTHEW JOSEPH
APPLICATION OF MULTIPARAMETER SENSITIVITY IN LINEAR SYSTEMS. (PH.D. 1963 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 105p. 24/12, p. 5299 BLE64-06134

REMY, RICHARD CHARLES
INTERNATIONAL SOCIALIZATION: A COMPARATIVE ANALYSIS OF THE DEVELOPMENT OF PRE-ADULT ORIENTATIONS TOWARD NATIONAL AND INTERNATIONAL SYSTEMS. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 446p. 33/06-A, p. 2993 BLE72-32562

RENARD, ROBERT JOSEPH
HYPERBAROCLINIC ZONES: NUMERICAL ANALYSIS AND APPLICATION TO FRONTS. (PH.D. 1970 THE FLORIDA STATE UNIVERSITY) 203p. 31/05-B, p. 2896 BLE70-20086

RENNELS, DAVID ALLEN
FAULT DETECTION AND RECOVERY IN A REDUNDANT COMPUTER USING STANDBY SPARES. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 342p. 34/06-B, p. 2563 BLE73-28971

RENNER, TERRENCE ALAN
I. ELECTROLYTE DIFFUSION IN ACETONITRILE - HARNED CONDUCTIMETRIC METHOD. II. DEVELOPMENT OF THE COMPUTER-RECORDED GOUY INTERFEROMETRIC DIFFUSION METHOD. (PH.D. 1973 YALE UNIVERSITY) 213p. 34/02-B, p. 619 BLE73-19037

RENS, DENNIS EUGENE
A STUDY TO DETERMINE THE CAUSES AND NATURE OF STUDENT SCHEDULING CONFLICT IN SCHOOLS WITH COMPUTER-BUILT FLEXIBLE MODULAR SCHEDULES. (PH.D. 1974 THE UNIVERSITY OF IOWA) 215p. 35/12-A, p. 7577 BLE75-13809

RENSHAW, STEVEN LUCK
A COMPUTER SIMULATION OF SHAPING AND "MEF" RELATIONS IN A FUNCTIONAL APPROACH TO SYNTACTIC VERBAL BEHAVIOR. (PH.D. 1975 THE UNIVERSITY OF OKLAHOMA) 117p.
36/08-A, p. 4855 BLE76-03126

RENSTROM, PETER GEORGE
THE DIMENSIONALITY OF DECISION-MAKING OF THE 1941-1945 STONE COURT: A COMPUTER DEPENDENT ANALYSIS OF SUPREME COURT BEHAVIOR. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 312p. 33/02-A, p. 801 BLE72-22277

REPPERGER, DANIEL WILLIAM, JR.
OPTIMAL CONTROL, FILTERING AND SMOOTHING IN SYSTEMS WITH POSSIBLE RETARDATION. (PH.D. 1973 PURDUE UNIVERSITY) 172p.
34/06-B, p. 2625 BLE73-28131

RESH, MICHAEL
MATHEMATICAL PROGRAMMING OF ADMISSIONS SCHEDULING IN HOSPITALS. (PH.D. 1967 THE JOHNS HOPKINS UNIVERSITY) 176p.
28/06-B, p. 2006 BLE67-13823

RESNICK, CECILY ANN
COMPUTATIONAL MODELS OF LEARNERS FOR COMPUTER ASSISTED LEARNING. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 160p. 36/01-B, p. 329 BLE75-14161

RETTENMAYER, JOHN WILLIAM
THE EFFECT OF FILE ORDERING ON RETRIEVAL COST. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 154p. 31/02-B, p. 791 BLE70-14321

REVINGTON, ANTHONY MICHAEL
ON MINIMUM FUEL AND ENERGY CONTROL OF SAMPLED-DATA CONTROL SYSTEMS. (PH.D. 1966 THE UNIVERSITY OF TENNESSEE) 290p.
27/06-B, p. 1932 BLE66-12614

REYNOLDS, GARY ANDREW
A FLOATING-POINT DIGITAL DIFFERENTIAL ANALYZER SYSTEM DESIGN IN A HYBRID CONFIGURATION. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 135p.
34/04-B, p. 1466 BLE73-24037

REYNOLDS, JON FRANKLIN
COMPUTER SIMULATION OF STOCHASTIC AREAL GROWTH. (D.B.A. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 380p.
32/07-B, p. 3891 BLE72-03795

REYNOLDS, KAY
MODIFICATION OF THE OBSERVATIONAL SYSTEM FOR INSTRUCTIONAL ANALYSIS FOCUSING ON APPRAISAL BEHAVIORS OF MUSIC TEACHERS IN SMALL PERFORMANCE CLASSES. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 180p.
35/05-A, p. 3040 BLE74-24390

REYNOLDS, MARION RUDOLPH, JR.
A SEQUENTIAL NONPARAMETRIC TEST FOR SYMMETRY WITH APPLICATIONS TO PROCESS CONTROL. (PH.D. 1972 STANFORD UNIVERSITY) 109p. 33/05-B, p. 2401 BLE72-30685

REYNOLDS, PHILIP AUTEN
AMPLITUDE-LIMITED CONTROL OF LINEAR, DISCRETE SYSTEMS WITH QUADRATIC ERROR MEASURE. (PH.D. 1965 CORNELL UNIVERSITY) 152p.
26/11, p. 6611 BLE66-04600

REYNOLDS, ROBERT JOHN
AN ANALYSIS OF THE BUSINESS DATA PROCESSING PROGRAMS AND FACULTIES OF THE ILLINOIS JUNIOR COLLEGES WITH CURRICULAR IMPLICATIONS FOR TEACHER EDUCATION INSTITUTIONS. (PH.D. 1971 SOUTHERN ILLINOIS UNIVERSITY) 161p. 32/09-A, p. 5123 BLE72-10290

RHOADS, STEVEN ERIC
SYSTEMS ANALYSIS AND ITS CRITICS: THE DEBATE AS REFLECTED IN ANALYTIC PERFORMANCE ON FEDERAL AVIATION ADMINISTRATION PROBLEMS. (PH.D. 1972 CORNELL UNIVERSITY) 399p.
33/04-A, p. 1811 BLE72-27987

RHODES, IAN BURTON
OPTIMAL CONTROL OF A DYNAMIC SYSTEM BY TWO CONTROLLERS WITH CONFLICTING OBJECTIVES. (PH.D. 1968 STANFORD UNIVERSITY) 153p.
29/02-B, p. 616 BLE68-11340

RHODES, STEVEN C.
AN EMPIRICAL ANALYSIS OF THE RELATIONSHIP BETWEEN INFORMATION PROCESSING AND FEEDBACK UTILIZATION IN DYADIC COMMUNICATIVE SYSTEMS. (PH.D. 1975 THE PENNSYLVANIA STATE UNIVERSITY) 248p.
37/02-A, p. 694 BLE76-17213

RHYNE, JAMES RUSH
LEXICAL RULES AND STRUCTURES IN A COMPUTER MODEL OF NOMINAL COMPOUNDING. (PH.D. 1976 THE UNIVERSITY OF TEXAS AT AUSTIN) 184p.
37/05-B, p. 2378 BLE76-26694

RIBAK, RICHARD
N-DIMENSIONAL GRAMMAR FOR PATTERN RECOGNITION. (PH.D. 1971 THE UNIVERSITY OF CONNECTICUT) 128p.
32/06-B, p. 2717 BLE71-29902

RICCI, FERDINAND JOSEPH
DIGITAL COMPUTER SIMULATION MODEL OF THE CARDIOVASCULAR SYSTEM AND THE EFFECTS OF HYPERTENSION AND PASSIVE TILTING. (PH.D. 1973 THE CATHOLIC UNIVERSITY OF AMERICA) 252p.
34/08-B, p. 3766 BLE74-05061

RICCIO, LUCIUS JOSEPH
A DYNAMIC SYSTEMS MODEL AND GENERAL THEORY OF CRIME CONTROL. (PH.D. 1973 LEHIGH UNIVERSITY) 265p. 34/11-B, p. 5479 BLE74-11354

RICE, BILLIE ANN PERRIN
A COMPARISON OF COMPUTER-ASSISTED INSTRUCTION (CAI), PROGRAMMED-INSTRUCTION, AND LECTURE IN TEACHING FUNDAMENTAL CONCEPTS OF CALCULUS. (PH.D. 1973 GEORGIA STATE UNIVERSITY) 160p.
34/08-B, p. 3927 BLE74-04651

RICE, DON R.
AN ANALYTICAL MODEL FOR COMPUTER SYSTEM PERFORMANCE ANALYSIS. (PH.D. 1971 THE UNIVERSITY OF FLORIDA) 196p.
32/10-B, p. 5818 BLE72-12869

RICE, GLENN ARTHUR
DOMINANCE AND WORD FREQUENCY EFFECTS IN THE RETRIEVAL OF SEMANTIC INFORMATION. (PH.D. 1974 BROWN UNIVERSITY) 100p.
35/11-B, p. 5675 BLE75-09227

RICE, ROBERT BURNS, JR.
A COMPUTER STUDY OF REHABILITATIVE SYSTEMS. (PH.D. 1972 UNIVERSITY OF COLORADO AT BOULDER) 196p. 33/08-B, p. 3665 BLE73-01821

RICH, MARC A.
BUFFER SHARING IN COMPUTER COMMUNICATION NETWORK NODES. (PH.D. 1975 POLYTECHNIC INSTITUTE OF NEW YORK) 192p.
36/04-B, p. 1860 BLE75-21399

RICHARD, HOWARD MARKS SIMON
NEW CAREERS MATHEMATICS: THE EFFECT UPON ACHIEVEMENT IN MATHEMATICS OF SUPPLEMENTING A CONCEPT CENTERED COURSE FOR ADULTS WITH EXPERIENCES IN COMPUTER UTILIZATION. (PH.D. 1970 THE OHIO STATE UNIVERSITY) 140p. 31/07-B, p. 4209 BLE70-26351

RICHARD, RALPH MICHAEL
A STUDY OF STRUCTURAL SYSTEMS HAVING CONSERVATIVE NONLINEAR ELEMENTS. (PH.D. 1961 PURDUE UNIVERSITY) 91p.
28/11-B, p. 4567 BLE68-06240

RICHARDS, HAMILTON, JR.
CONTROLLED INFORMATION SHARING IN THE SYMBOL-2R COMPUTER SYSTEM. (PH.D. 1976 IOWA STATE UNIVERSITY) 191p.
37/02-B, p. 856 BLE76-18290

RICHARDS, WILLIAM DONALD, JR.
A COHERENT SYSTEMS METHODOLOGY FOR THE ANALYSIS OF HUMAN COMMUNICATION SYSTEMS. (PH.D. 1976 STANFORD UNIVERSITY) 320p.
37/02-A, p. 669 BLE76-18796

RICHARDSON, DENNISE
EVALUATION AND APPLICATION OF A CELL CULTURE SYSTEM TO DETECT TOXICITY IN OIL-REFINERY EFFLUENTS. (PH.D. 1973 OKLAHOMA STATE UNIVERSITY) 97p.
34/10-B, p. 4839 BLE74-08106

RICHARDSON, LEROY CHARLES
SPECIFICATION TECHNIQUES FOR INTERACTIVE COMPUTER SYSTEMS. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 128p.
33/03-B, p. 1085 BLE72-23215

RICHARDSON, WAYNE EDWARD
AN EVALUATION OF COMPUTER-ASSISTED COUNSELING. (ED.D. 1973 THE UNIVERSITY OF TULSA) 108p. 34/07-A, p. 3787 BLE74-00042

RICHMAN, SHANNA
EFFECTS OF STRATEGY MODELING AND AGE UPON INFORMATION-PROCESSING EFFICIENCY AMONG ELEMENTARY-SCHOOL CHILDREN. (PH.D. 1975 CITY UNIVERSITY OF NEW YORK) 123p.
36/07-B, p. 3656 BLE76-00280

RIDDEL, FRANK STEPHEN
RELATED ASPECTS OF THE SOCIAL AND ECONOMIC PROBLEMS, CULTURAL TRADITION, AND EDUCATIONAL SYSTEM OF RURAL APPALACHIA: AN ANALYSIS BASED ON THE CONCEPT OF SCALE. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 342p.
32/11-A, p. 6207 BLE72-15281

RIDDLE, WILLIAM EWING
THE MODELING AND ANALYSIS OF SUPERVISORY SYSTEMS. (PH.D. 1972 STANFORD UNIVERSITY) 181p. 33/01-B, p. 180 BLE72-20727

RIDINGS, RICHARD VINCENT
TRANSIENT RESPONSE ANALYSIS OF A CLASS OF CONTINUOUS NONLINEAR TIME-VARYING AUTOMATIC CONTROL SYSTEMS BY FUNCTIONAL TECHNIQUES AND MULTIDIMENSIONAL LAPLACE TRANSFORMS. (PH.D. 1967 THE UNIVERSITY OF WISCONSIN - MADISON) 144p.
28/08-B, p. 3287 BLE67-12468

RIEGER, CHARLES JOSEPH, III
CONCEPTUAL MEMORY: A THEORY AND COMPUTER PROGRAM FOR PROCESSING THE MEANING CONTENT OF NATURAL-LANGUAGE UTTERANCES. (PH.D. 1974 STANFORD UNIVERSITY) 409p.
35/06-B, p. 2703 BLE74-27096

RIEKE, ROBERT DAVID
THE IDENTIFICATION OF COMBINATORIAL EFFECTS OF FINANCIAL INFORMATION USING RANK-SORT ANALYSIS. (PH.D. 1972 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 270p.
34/01-A, p. 50 BLE73-16506

RIESENFELD, RICHARD FRANKLIN
APPLICATIONS OF B-SPLINE APPROXIMATION TO GEOMETRIC PROBLEMS OF COMPUTER-AIDED DESIGN. (PH.D. 1973 SYRACUSE UNIVERSITY) 94p.
34/10-B, p. 4915 BLE74-08299

RIGAS, HARRIETT B.
OPTIMUM AND SELF OPTIMIZING LINEAR MULTIVARIABLE CONTROL SYSTEMS. (PH.D. 1963 UNIVERSITY OF KANSAS) 123p.
24/12, p. 5299 BLE64-06853

RIGGS, DONALD EUGENE
AN APPLICATION OF A PLANNING - PROGRAMMING - BUDGETING SYSTEM TO A TECHNICAL SERVICES PROCESSING CENTER. (ED.D. 1975 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 185p. 36/04-A, p. 2062 BLE75-21479

RIGTERINK, PAUL VERNON
A NUMERICAL ANALYSIS OF THE VARIATIONS IN THE LIGHT CURVES OF THE CLOSE BINARY SYSTEMS, W URSAE MAJORIS AND U PEGASI. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 173p.
32/08-B, p. 4381 BLE72-06216

RIKKERS, ROBERT FREDERICK
CONTRIBUTIONS TO THE THEORY OF PRODUCTION - INVENTORY CONTROL AND THE THEORY OF QUEUES. (PH.D. 1965 NORTHWESTERN UNIVERSITY) 106p.
26/12, p. 7186 BLE66-02739

RILEY, JAMES JOSEPH, JR.
COMPUTER SIMULATIONS OF TURBULENT DISPERSION. (PH.D. 1971 THE JOHNS HOPKINS UNIVERSITY) 225p. 32/12-B, p. 7087 BLE72-16895

RILEY, JOHN PAUL
APPLICATION OF AN ELECTRONIC ANALOG COMPUTER TO THE PROBLEMS OF RIVER BASIN HYDROLOGY. (PH.D. 1967 UTAH STATE UNIVERSITY) 215p. 30/08-B, p. 3732 BLE70-02447

RILEY, ROBERT T.
A CASE STUDY OF A DIFFERENTIATED OLIGOPOLY: THE COMPUTER TIME-SHARING INDUSTRY. (PH.D. 1970 UNIVERSITY OF CINCINNATI) 261p.
31/08-A, p. 3734 BLE71-05478

RILLINGS, JAMES H.
ANALOG SENSITIVITY DESIGN OF A FLEXIBLE BOOSTER CONTROL SYSTEM. (DR. ENG. 1969 RENSSELAER POLYTECHNIC INSTITUTE) 152p.
30/03-B, p. 1137 BLE69-13696

RINDONE, WAYNE PETER
COMPUTER AIDED INVESTIGATION OF EXTRACELLULAR METHIONINE PRODUCTION BY METHYLOMONAS METHANOLICA. (PH.D. 1976 THE UNIVERSITY OF WISCONSIN - MADISON) 173p.
37/02-B, p. 623 BLE76-16014

RINK, RAYMOND EDWARD
CONTROLLABILITY AND OPTIMAL CONTROL OF BILINEAR SYSTEMS. (PH.D. 1967 THE UNIVERSITY OF NEW MEXICO) 111p.
28/09-B, p. 3712 BLE68-03479

RINK, RICHARD ANDREW
APPLICATION OF A DIGITAL COMPUTER TO SOLVE ANALYTICALLY SPECIAL CLASSES OF LINEAR AND NONLINEAR DIFFERENTIAL EQUATIONS. (PH.D. 1971 THE UNIVERSITY OF ROCHESTER) 205p.
33/01-B, p. 331 BLE72-18833

RIPLEY, GERALD DAVID
THE USE OF MAN-COMPUTER INTERACTION IN ROOT-FINDING AND NUMERICAL PROBLEM-SOLVING. (PH.D. 1970 IOWA STATE UNIVERSITY) 171p.
31/09-B, p. 5311 BLE71-07319

RIPLEY, JERALD LESTER
ON PROOFS OF FLOATING-POINT PROGRAM CORRECTNESS AND A MEASURE OF THEIR RELATIVE EFFICIENCY. (PH.D. 1972 THE UNIVERSITY OF OKLAHOMA) 112p.
34/02-B, p. 629 BLE73-04963

RIPPY, DOUGLAS VAUGHN
APPLICATION OF GOAL PROGRAMMING IN DETERMINING OPTIMAL OPERATING RULES FOR A MULTI-PURPOSE RESERVOIR SYSTEM. (PH.D. 1974 CLEMSON UNIVERSITY) 109p.
35/11-B, p. 5554 BLE75-11507

RISEMAN, EDWARD MARTIN
FEATURE DETECTION NETWORKS IN PATTERN RECOGNITION. (PH.D. 1969 CORNELL UNIVERSITY) 138p. 30/07-B, p. 3186 BLE69-20992

RISNER, M. THOMAS, JR.
RELEVANCE EVALUATIONS OF THE NICEM MASTER DATA BASE OF 16MM EDUCATIONAL FILMS. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 198p. 32/02-A, p. 677 BLE71-21490

RITCH, PAUL A.
A STUDY OF THE APTITUDE TEST FOR PROGRAMMER PERSONNEL AS A PREDICTOR OF SUCCESS FOR STUDENTS MAJORING IN COMPUTER SCIENCE AND DATA-PROCESSING AT THE CHATTANOOGA STATE TECHNICAL INSTITUTE. (ED.D. 1973 THE UNIVERSITY OF TENNESSEE) 122p.
34/08-A, p. 4647 BLE74-03862

RITER, STEPHEN
SIGNAL DESIGN FOR A CODED COMMUNICATION SYSTEM. (PH.D. 1968 UNIVERSITY OF HOUSTON) 172p. 29/07-B, p. 2443 BLE69-00782

RITTER, ARTHUR BERNARD
TIME OPTIMAL CONTROL OF A CLASS OF HYPERBOLIC DISTRIBUTED SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF ROCHESTER) 201p.
31/07-B, p. 4015 BLE71-01424

RITTMANN, JERROLD GEORGE
A COMPUTER STUDY OF THE PYROLYSIS OF POROUS SOLIDS. (PH.D. 1970 OKLAHOMA STATE UNIVERSITY) 155p. 31/11-B, p. 6643 BLE71-11282

RITZMAN, LARRY PAUL
THE EFFICIENCY OF COMPUTER ALGORITHMS FOR PLANT LAYOUT. (D.B.A. 1968 MICHIGAN STATE UNIVERSITY) 275p. 29/10-A, p. 3296 BLE69-05937

RIVAS, JESUS ROBERTO
COMPUTER-AIDED DISASTER INTERCEPTION. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 340p. 34/10-B, p. 4943 BLE73-28941

RIVERS, LEROY COVERT, II
THE DEVELOPMENT AND ASSESSMENT OF AN ADAPTIVE MULTIPLE REGRESSION STRATEGY FOR THE PRESENTATION OF INSTRUCTION VIA COMPUTER. (PH.D. 1972 THE FLORIDA STATE UNIVERSITY) 130p. 34/02-A, p. 671 BLE73-18315

RIVES, NORFLEET WILLIAMSON, JR.
THE FAMILY FORMATION PROCESS IN DEVELOPING COUNTRIES: A COMPUTER SIMULATION. (PH.D. 1971 DUKE UNIVERSITY) 151p.
32/10-B, p. 5643 BLE72-11121

ROBARDEY, CARLTON PORTERFIELD, SR.
A STUDY OF SELECTED MICHIGAN ELEMENTARY AND SECONDARY TEACHERS' AND PRINCIPALS' ATTITUDE TOWARD COMPUTER ASSISTED INSTRUCTION. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 185p. 32/09-A, p. 4929 BLE72-08770

ROBB, JAMES ARTHUR
A STUDY IN THE SELECTION OF PREDICTORS FOR SUCCESS IN AN ELECTRONIC DATA PROCESSING COURSE. (PH.D. 1974 SOUTHERN ILLINOIS UNIVERSITY) 57p. 35/12-A, p. 7660 BLE75-13250

ROBB, RICHARD ARLIN
COMPUTER AIDED ANALYSIS OF CARDIAC DYNAMICS USING ROENTGENOGRAPHIC AND VIDEOMETRIC TECHNIQUES. (PH.D. 1971 UNIVERSITY OF UTAH) 149p. 32/06-B, p. 3300 BLE72-01139

ROBBINS, WOODROW ERNEST
A GROUP THEORETIC STUDY OF GENERALIZED THRESHOLD LOGIC. (PH.D. 1971 SYRACUSE UNIVERSITY) 184p. 32/08-B, p. 4536 BLE72-06615

ROBEK, MARY FRANCES
A PILOT STUDY OF A COMPUTER-BASED GRADUATE STUDENT INFORMATION SYSTEM. (PH.D. 1967 THE UNIVERSITY OF MICHIGAN) 323p.
28/05-A, p. 1997 BLE67-15682

ROBERTS, CAROL ANN E.
A PASSIVE ARRAY-PROCESSOR FOR TRACKING AND SIGNAL EXTRACTION. (PH.D. 1970 THE CATHOLIC UNIVERSITY OF AMERICA) 159p.
31/04-B, p. 1975 BLE70-19557

ROBERTSON, JAMES DOUGLAS
EDUCATOR LINKED COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1976 UNIVERSITY OF SOUTHWESTERN LOUISIANA) 144p.
37/05-B, p. 2378 BLE76-23972

ROBERTSON, JAMES EVANS
ERROR DETECTION AND CORRECTION IN BINARY PARALLEL DIGITAL COMPUTERS. (PH.D. 1952 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 165p. 14/02, p. 328 BLE00-07008

ROBERTSON, LEON HERMAN
A COMPUTER SIMULATION ALGORITHM FOR THE FORMATION AND BALANCING OF SALES TERRITORIES. (PH.D. 1969 GEORGIA STATE UNIVERSITY - SCHOOL OF BUSINESS ADMINISTRATION) 197p. 30/05-A, p. 1985 BLE69-19787

ROBERTSON, LIONEL GEORGE
DEVELOPING A SCHOOL DISTRICT MASTER PLAN UTILIZING COHORT SURVIVAL, ZONING CAPACITY, AND COMPUTER MODELS. (ED.D. 1975 UNIVERSITY OF WYOMING) 130p. 36/04-A, p. 1965 BLE75-22336

ROBINS, CLINTON HOWARD, JR.
A DIGITAL COMPUTER TECHNIQUE FOR QUALITATIVE ANALYSIS OF COMPLEX SAMPLES FROM THEIR NEUTRON INDUCED GAMMA-RAY ACTIVITIES. (PH.D. 1967 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 142p. 27/11-B, p. 4075 BLE67-06230

ROBINSON, ALFRED CHRISTIAN
ON THE SECOND-ORDER PROPERTIES OF THE OUTPUT OF CERTAIN FIRST-ORDER AND SECOND-ORDER NONLINEAR SYSTEMS WITH RANDOM INPUTS. (PH.D. 1963 THE UNIVERSITY OF MICHIGAN) 158p. 24/04, p. 1539 BLE63-06643

ROBINSON, GERALD B.
AN ANALYSIS OF THE GRANITE SCHOOL DISTRICT VIDEOCASSETTE INFORMATION DISSEMINATION SYSTEM. (PH.D. 1973 UNIVERSITY OF UTAH) 247p. 34/10-A, p. 6272 BLE74-08856

ROBINSON, PRENTISS NOBLE
STOCHASTIC TIME-OPTIMAL CONTROL. (PH.D. 1965 POLYTECHNIC INSTITUTE OF NEW YORK) 56p. 26/09, p. 5342 BLE66-10667

ROBINSON, RICHARD ARTHUR
SOME THEOREMS RELATED TO PATTERN RECOGNITION. (PH.D. 1970 THE UNIVERSITY OF TOLEDO) 74p. 31/08-B, p. 4861 BLE71-04378

ROBINSON, STEPHEN MICHAEL
ERROR ANALYSIS IN MATHEMATICAL PROGRAMMING, WITH APPLICATIONS. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 92p. 32/06-B, p. 3300 BLE71-25499

ROBINSON, THOMAS EDWARD
THE DESIGN OF A DECISION-MAKING MODEL FOR THE ALLOCATION OF SUPPLEMENTARY STAFF PERSONNEL IN THE MONTGOMERY COUNTY (MARYLAND) PUBLIC SCHOOL SYSTEM. (PH.D. 1975 UNIVERSITY OF MARYLAND) 175p. 36/08-A, p. 4938 BLE76-28768

ROBINSON, VERNON GARRETT
FEEDBACK CONTROL OF A CLASS OF LINEAR SYSTEMS WITH JUMP PARAMETERS WITH STATE-DEPENDENT AND CONTROL-DEPENDENT TRANSITION RATES. (PH.D. 1973 UNIVERSITY OF SOUTHERN CALIFORNIA) 102p. 33/07-B, p. 3109 BLE73-00784

ROBISON, ERNEST PARKER
COMPUTER RECOGNITION OF LEFT VENTRICULAR BORDERS USING SEQUENTIAL TWO-DIMENSIONAL ECHOCARDIOGRAPHIC IMAGES. (PH.D. 1975 UNIVERSITY OF UTAH) 182p. 36/09-B, p. 4280 BLE76-06679

ROBROCK, RICHARD BARKER, II
AN OPERATIONAL DIGITAL COMPUTER EMPLOYING DECIMAL RATE MULTIPLICATION TECHNIQUES. (PH.D. 1967 CASE WESTERN RESERVE UNIVERSITY) 206p. 28/06-B, p. 2431 BLE67-16098

ROCHE, THOMAS GEORGE
STRUCTURAL CORRELATES OF ORGANIZATIONAL CHANGE: THE IMPLEMENTATION OF A PLANNING, PROGRAMMING, AND BUDGETING SYSTEM IN THE STATE OF PENNSYLVANIA. (PH.D. 1972 THE PENNSYLVANIA STATE UNIVERSITY) 429p. 33/12-A, p. 7044 BLE73-14042

ROCHFORD, ELLEN A.
AN ANALYSIS OF PROGRAMMING - PLANNING - BUDGETING SYSTEM IN A NEW YORK STATE GRANT-IN-AID AGENCY. (D.P.A. 1973 STATE UNIVERSITY OF NEW YORK AT ALBANY) 181p. 34/05-A, p. 2744 BLE73-25706

ROCKHILL, RICHARD A.
A STUDY OF COMPUTER CONTROL OF INDUSTRIAL DIFFUSION PROCESSES. (PH.D. 1972 MARQUETTE UNIVERSITY) 181p. 33/10-B, p. 4824 BLE73-08299

ROCKOFF, MAXINE LIEBERMAN
COMPARISON OF SOME ITERATIVE METHODS FOR SOLVING LARGE SYSTEMS OF LINEAR EQUATIONS. (PH.D. 1964 UNIVERSITY OF PENNSYLVANIA) 121p. 25/12, p. 7301 BLE65-06799

ROCKWAY, JOHN WILLIAM
A RAY TRACING STUDY OF ATMOSPHERIC ACOUSTIC WAVES USING A HYBRID COMPUTER SOLUTION OF HASELGROVE'S EQUATIONS. (PH.D. 1972 WASHINGTON STATE UNIVERSITY) 240p. 32/12-B, p. 7046 BLE72-18483

RODDA, BRUCE EDWARD
AN ANALYTIC SYSTEM FOR THE STATISTICAL ANALYSIS OF MARKOV CHAINS. (PH.D. 1969 TULANE UNIVERSITY) 250p. 30/06-B, p. 2952 BLE69-20488

RODGERS, WILLIAM ANTHONY
UTILIZING BURROUGHS 205 COMPUTER PROGRAMS IN EDUCATIONAL RESEARCH: A COMPENDIUM OF STATISTICAL ROUTINES. (ED.D. 1964 UNIVERSITY OF VIRGINIA) 233p. 25/06, p. 3331 BLE64-12427

RODRIGUEZ, CARMELO
OPTIMUM CONTROL OF LINEAR SYSTEMS WITH QUADRATIC PERFORMANCE INDEX AND ASYMPTOTIC ESTIMATOR. (PH.D. 1972 UNIVERSITY OF PITTSBURGH) 158p. 33/06-B, p. 2614 BLE72-30776

RODRIGUEZ, EDGARDO P.
STATISTICAL DECISION PROBLEMS UNDER PARTIAL-UNCERTAINTY: A MATHEMATICAL PROGRAMMING APPROACH. (PH.D. 1972 RENSSELAER POLYTECHNIC INSTITUTE) 177p. 33/12-B, p. 6132 BLE73-14213

RODRIGUEZ, JOSE ANGEL
A STUDY OF THE RETRIEVAL TIME OF STUDENT ATTENDANCE INFORMATION UNDER THREE METHODS OF RECORD-KEEPING. (ED.D. 1975 EAST TEXAS STATE UNIVERSITY) 149p. 36/11-A, p. 7113 BLE76-11962

RODRIGUEZ-ORTIZ, JOSE DE JESUS
THE DESIGN OF LOGIC CONTROL OF AUTOMATIC MACHINES USING PROGRAMMABLE CONTROLLERS. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 335p. 35/01-B, p. 266 BLE74-09200

ROEHRKASSE, ROBERT CHARLES
ABSTRACT DIGITAL COMPUTERS AND AUTOMATA. (PH.D. 1971 GEORGIA INSTITUTE OF TECHNOLOGY) 83p. 33/01-B, p. 150 BLE72-19711

ROFFMAN, MARTIN MELVIN
DIGITAL FILTERING OF CORRELATION AND DISCRETIZATION NOISE GENERATED DURING STOCHASTIC NETWORK SIMULATION. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 237p. 34/01-B, p. 175 BLE73-16696

ROGERS, DONALD PATRICK
A SYSTEMS ANALYSIS OF CORRELATES OF NETWORK OPENNESS IN ORGANIZATIONAL COMMUNICATION. (PH.D. 1973 OHIO UNIVERSITY) 144p. 34/12-A, p. 7914 BLE74-13142

ROGERS, JAMES JOSEPH
DESIGN OF A SYSTEM FOR PREDICTING EFFECTS OF VEGETATION MANIPULATION ON WATER YIELD IN THE SALT-VERDE BASIN. (PH.D. 1973 THE UNIVERSITY OF ARIZONA) 481p. 34/03-B, p. 1173 BLE73-20641

ROGERS, JAMES LARUE
A COMPUTER-ASSISTED INSTRUCTIONAL LANGUAGE WHICH INTERACTS WITH THE AUTHOR. (PH.D. 1975 CASE WESTERN RESERVE UNIVERSITY) 98p. 37/02-B, p. 856 BLE76-16073

ROGERS, LYNN CARROLL
BI-NORMAL COORDINATES IN DISCRETE SYSTEMS WITH APPLICATION TO AN AIRCRAFT SHIMMY PROBLEM. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 257p. 33/04-B, p. 1512 BLE72-27093

ROGERS, RONALD OTIS
SUBOPTIMAL CONTROL OF LINEAR DYNAMIC SYSTEMS USING MODELS OF LOWER DIMENSION. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 105p. 31/11-B, p. 6617 BLE71-12413

ROHAN, DENNIS JAMES
COMPUTER PROFESSIONALS: AN ANALYSIS OF CONFLICT AND EXCHANGE IN COMPLEX ORGANIZATIONS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 270p. 30/04-A, p. 1655 BLE69-16924

ROHR, JOHN ALLEN
SYSTEM SOFTWARE FOR A FAULT-TOLERANT DIGITAL COMPUTER. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 347p. 34/02-B, p. 629 BLE73-17632

ROISTACHER, ELIZABETH MARY HAWKINS
A COMPUTER-BASED CONTENT ANALYSIS OF A PSYCHOTHERAPY USING THE GENERAL INQUIRER. (PH.D. 1975 THE UNIVERSITY OF MICHIGAN) 721p. 36/06-B, p. 3067 BLE75-29316

ROJESKI, PETER JAMES, JR.
A SYSTEMS ANALYSIS APPROACH TO LANDING GEAR DESIGN. (PH.D. 1972 CORNELL UNIVERSITY) 197p. 33/04-B, p. 1567 BLE72-27671

ROLLER, GILBERT HARVEY
THE DEVELOPMENT OF THE METHODS FOR ANALYSIS OF MUSICAL COMPOSITIONS AND FOR THE FORMATION OF A SYMMETRICAL TWELVE-TONE ROW USING THE ELECTRONIC DIGITAL COMPUTER. (PH.D. 1964 MICHIGAN STATE UNIVERSITY) 487p. 25/04, p. 2555 BLE64-09750

ROM, DOUGLAS BERNHARD
OPTIMAL DESIGN OF DYNAMIC COMPENSATION FOR LINEAR SYSTEMS WITH INCOMPLETE STATE INFORMATION. (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 177p. 34/02-B, p. 673 BLE73-19404

ROM, WALTER OTTO
ON CLASSIFICATION THEORY IN MATHEMATICAL PROGRAMMING AND APPLICATIONS. (PH.D. 1970 CORNELL UNIVERSITY) 94p. 31/12-B, p. 7248 BLE71-14589

ROMAN, RICHARD ALLAN
DEVELOPING AND IMPLEMENTING MATERIALS FOR COMPUTER ASSISTED INSTRUCTION. (ED.D. 1969 HARVARD UNIVERSITY) 94p. 30/12-A, p. 5175 BLE70-09988

ROMAN, ROGER VANCE
THE STRUCTURE OF AN ENVIRONMENT FOR AN EXPERIMENTAL, INTERACTIVE, MATHEMATICAL PROBLEM-SOLVING SYSTEM. (PH.D. 1973 PURDUE UNIVERSITY) 126p. 34/06-B, p. 2563 BLE73-28135

ROMNEY, GORDON WILSON
COMPUTER ASSISTED ASSEMBLY AND RENDERING OF SOLIDS. (PH.D. 1969 UNIVERSITY OF UTAH) 271p. 30/09-B, p. 4092 BLE70-03776

ROMPF, EVERETT CHARLES
A DESCRIPTIVE STUDY OF THE STATE-OF-THE-ART OF REMOTE ACCESS AUDIO VIDEO INFORMATION RETRIEVAL SYSTEMS. (PH.D. 1974 THE CATHOLIC UNIVERSITY OF AMERICA) 110p. 35/03-A, p. 1359 BLE74-19427

RONAN, FRANKLIN DELANO
A STUDY OF THE EFFECTIVENESS OF A COMPUTER WHEN USED AS A TEACHING AND LEARNING TOOL IN HIGH SCHOOL MATHEMATICS. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 222p. 32/03-A, p. 1264 BLE71-23861

ROOME, WILLIAM DOUGLAS
MODELING AND DESIGN OF BATCH-PROCESSING COMPUTER NETWORKS. (PH.D. 1974 CORNELL UNIVERSITY) 205p. 35/07-B, p. 3331 BLE74-29834

ROOSEN-RUNGE, PETER HERMANN
AN ALGEBRAIC DESCRIPTION OF ACCESS AND CONTROL IN INFORMATION- PROCESSING SYSTEMS. (PH.D. 1967 THE UNIVERSITY OF MICHIGAN) 138p. 28/12-B, p. 5122 BLE68-07707

ROOT, RICHARD MURDOCH
THEORETICAL AND EXPERIMENTAL STUDY OF THE SHOCK SPECTRUM OF A TWO DEGREE-OF-FREEDOM NONLINEAR VIBRATORY SYSTEM. (PH.D. 1975 UNIVERSITY OF MARYLAND) 157p. 36/05-B, p. 2420 BLE75-23733

ROSE, ANDREW MURRAY
HUMAN INFORMATION PROCESSING: AN ASSESSMENT AND RESEARCH BATTERY. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 128p. 35/05-B, p. 2468 BLE74-25309

ROSE, CHARLES WILLIAM
A SYSTEM OF REPRESENTATION FOR GENERAL PURPOSE DIGITAL COMPUTER SYSTEMS. (PH.D. 1970 CASE WESTERN RESERVE UNIVERSITY) 208p. 32/02-B, p. 880 BLE71-19047

ROSE, CLIFFORD ALLISON, JR.
MEASUREMENT AND ANALYSIS FOR COMPUTER PERFORMANCE EVALUATION. (SC.D. 1975 THE GEORGE WASHINGTON UNIVERSITY) 227p. 36/08-B, p. 4073 BLE76-03786

ROSE, LAWRENCE LYON
THE THEORY OF DYNAMIC FILE MANAGEMENT. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 135p. 35/01-B, p. 181 BLE74-16072

ROSEN, GERALD HARVEY
THE APPLICATION OF GENERALIZED PROGRAMMING TO THE CONTINUOUS-TIME OPTIMAL CONTROL PROBLEM. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 101p. 35/10-B, p. 4921 BLE75-09432

ROSEN, RICHARD
ERROR ANALYSIS OF STRUCTURAL SYSTEMS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 113p. 30/03-B, p. 1119 BLE69-14049

ROSEN, STEPHEN LOUIS
THE RHEOLOGY OF LINEAR-GEL POLYMER SYSTEMS. (PH.D. 1964 CORNELL UNIVERSITY) 189p. 25/06, p. 3458 BLE64-13786

ROSENBAUM, SEMA JOY MARKS
A COURSE IN COMPUTER SIMULATION FOR HIGH SCHOOL STUDENTS. (ED.D. 1970 HARVARD UNIVERSITY) 262p. 31/11-A, p. 5676 BLE71-12346

ROSENBERG, AARON EDWARD
THE IDENTIFICATION OF TIME-VARYING LINEAR SYSTEMS FROM MULTIPLE INPUT-OUTPUT RECORDS. (PH.D. 1964 UNIVERSITY OF PENNSYLVANIA) 173p. 25/09, p. 5167 BLE65-01384

ROSENBERG, JUDITH W. LEFKOWITZ
EFFECTS OF MANUAL VERSUS COMPUTERIZED METHODS OF INFORMATION RETRIEVAL ON LEGAL RESEARCH. (ED.D. 1972 UNIVERSITY OF MIAMI) 281p. 33/06-A, p. 2697 BLE72-31916

ROSENFELD, JEROME BARTON
INFORMATION PROCESSING: ENCODING AND DECODING. (PH.D. 1967 INDIANA UNIVERSITY) 52p. 28/07-B, p. 3065 BLE67-15156

ROSENSCHEIN, STANLEY JOSHUA
STRUCTURING A PATTERN SPACE, WITH APPLICATIONS TO LEXICAL INFORMATION AND EVENT INTERPRETATION. (PH.D. 1975 UNIVERSITY OF PENNSYLVANIA) 194p. 36/12-B, p. 6271 BLE76-12330

ROSENSTEIN, MILTON
COMPUTER GENERATED TONES IN VARIABLE-BANDWIDTH NOISE AND ITS APPLICATION TO A STUDY OF SUB-CRITICAL DETECTION. (PH.D. 1974 CITY UNIVERSITY OF NEW YORK) 309p. 35/03-B, p. 1433 BLE74-20662

ROSENTHAL, LAWRENCE E.
A SURVEY OF COMPUTER ASSISTED INSTRUCTION IN SELECTED LARGE SCHOOL DISTRICTS IN THE UNITED STATES AND A MODEL FOR IMPLEMENTATION OF A COMPUTER ASSISTED INSTRUCTION SYSTEM. (ED.D. 1974 NORTHERN ILLINOIS UNIVERSITY) 235p. 35/12-A, p. 7580 BLE75-13147

ROSENTHAL, LEE
LINEAR SYSTEM STABILITY DERIVED FROM THE TOTAL SQUARE INTEGRAL AND LYAPUNOV FUNCTIONS. (PH.D. 1967 POLYTECHNIC INSTITUTE OF NEW YORK) 50p. 28/03-B, p. 904 BLE67-10965

ROSENTHAL, NEIL PAUL
A LINEAR SYSTEMS ANALYSIS OF THE MYOTATIC REFLEX AND ITS COMPONENT SYSTEMS. (PH.D. 1969 UNIVERSITY OF MINNESOTA) 182p. 31/03-B, p. 1510 BLE70-16601

ROSIN, ROBERT FISHER
AN ALGORITHM FOR CONCURRENT RANDOM WALKS ON HIGHLY PARALLEL COMPUTERS. (PH.D. 1964 THE UNIVERSITY OF MICHIGAN) 101p. 25/12, p. 7162 BLE65-05369

ROSKO, JOSEPH STANLEY
DESIGN OF TIME-OPTIMAL DIGITALLY SIMULATED SYSTEMS. (PH.D. 1966 THE UNIVERSITY OF FLORIDA) 176p. 28/05-B, p. 1940 BLE67-13159

ROSS, DALE WALTER
OPTIMAL CONTROL OF SYSTEMS DESCRIBED BY DIFFERENTIAL-DIFFERENCE EQUATIONS . (PH.D. 1968 STANFORD UNIVERSITY) 123p. 29/02-B, p. 690 BLE68-11342

ROSS, GERALD FRED
THE TRANSIENT ANALYSIS OF MULTIPLE BEAM FEED NETWORKS FOR ARRAY SYSTEMS. (PH.D. 1963 POLYTECHNIC INSTITUTE OF NEW YORK) 177p. 24/07, p. 2843 BLE64-00340

ROSS, JOHN EYE
THE INVESTIGATION OF PROBABILISTIC INTERCEPT PROBLEMS USING A DIGITALLY CONTROLLED ANALOG COMPUTER. (PH.D. 1967 THE PENNSYLVANIA STATE UNIVERSITY) 134p. 29/03-B, p. 1126 BLE68-12004

ROSS, RICHARD JAY
THE DEVELOPMENT OF CONTACT PLACING AND OF THE ASSOCIATED SENSORIMOTOR CONTROL SYSTEMS IN THE KITTEN. (PH.D. 1975 YESHIVA UNIVERSITY) 220p. 37/04-B, p. 1580 BLE76-22586

ROSS, WALTER LEE, JR.
FUNCTIONAL DETERMINANTS OF LEADERSHIP EFFECTIVENESS: A COMPUTER SIMULATION. (PH.D. 1971 BRIGHAM YOUNG UNIVERSITY) 133p. 32/03-B, p. 1893 BLE71-23142

ROSSER, ARTHUR JAMES
AN EXPLORATORY STUDY OF USING A COMPUTER IN CURRICULUM DEVELOPMENT. (PH.D. 1968 THE OHIO STATE UNIVERSITY) 120p. 30/01-A, p. 151 BLE69-11699

ROSSMANN, GEORGE EDWIN
SYSTEM DESIGN OF FUNCTIONAL MEMORY BASED PROCESSORS. (PH.D. 1975 SYRACUSE UNIVERSITY) 149p. 37/04-B, p. 1829 BLE76-18557

ROSSO, PAUL GABRIEL
AN APPLICATION OF MULTIVARIABLE ORTHOGONAL POLYNOMIAL SERIES ANALYSIS OF NONLINEAR CONTROL SYSTEMS. (PH.D. 1968 THE OHIO STATE UNIVERSITY) 128p. 29/05-B, p. 1679 BLE68-15375

ROTHCOCK, HAMILTON IRVING, JR.
COMPUTER-ASSISTED DIRECTORY SEARCH. (PH.D. 1968 UNIVERSITY OF PENNSYLVANIA) 143p. 29/07-B, p. 2444 BLE69-00164

ROTHENBERG, DOUGLAS HOWARD
SIMPLIFICATION OF LINEAR STATIONARY CONTINUOUS DYNAMIC SYSTEMS. (PH.D. 1970 CASE WESTERN RESERVE UNIVERSITY) 157p. 32/01-B, p. 300 BLE71-19046

ROTHENBERGER, BURTON F.
QUASILINEARIZATION AS A NUMERICAL METHOD FOR THE SOLUTION OF OPTIMAL CONTROL PROBLEMS WITH AND WITHOUT CONSTRAINTS. (PH.D. 1966 PRINCETON UNIVERSITY) 253p. 27/08-B, p. 2696 BLE66-13346

ROTHSCHILD, DAVID S.
COMPATIBLE SUBOPTIMAL CONTROLLERS FOR THE CONSTRAINED DYNAMIC COMPENSATION OF LINEAR SYSTEMS. (PH.D. 1971 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 203p. 32/06-B, p. 3365 BLE71-29808

ROTZEL, ALICE WITTE
INFORMATION PROCESSING THEORY APPLIED TO SOCIAL STUDIES TEXTBOOK MATERIALS. (PH.D. 1974 STANFORD UNIVERSITY) 239p. 35/06-A, p. 3406 BLE74-27100

ROUCHALEAU, YVES
LINEAR, DISCRETE TIME, FINITE DIMENSIONAL, DYNAMICAL SYSTEMS OVER SOME CLASSES OF COMMUTATIVE RINGS. (PH.D. 1972 STANFORD UNIVERSITY) 57p. 33/01-B, p. 240 BLE72-20729

ROUNDS, ERICA MARTHA
A STRUCTURAL APPROACH TO PATTERN RECOGNITION AND ITS APPLICATION TO MEDICAL DECISION-MAKING. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 152p. 35/10-B, p. 4868 BLE75-07961

ROWLAND, JAMES RICHARD
ON THE ASYMPTOTIC STABILITY OF FEEDBACK CONTROL SYSTEMS CONTAINING A SINGLE TIME-VARYING ELEMENT. (PH.D. 1966 PURDUE UNIVERSITY) 91p. 27/07-B, p. 2384 BLE66-13282

ROWLEY, VERNON C., JR.
RESEARCH, DEVELOPMENT, VALIDATION, AND GENERALIZATION OF THE DAILY DEMAND COMPUTER SCHEDULE. (ED.D. 1970 BRIGHAM YOUNG UNIVERSITY) 327p. 31/06-A, p. 2797 BLE70-22903

ROY, RANJIT KUMAR
THE APPLICATION OF IMPACT-DAMPERS TO CONTINUOUS SYSTEMS. (PH.D. 1972 UNIVERSITY OF MISSOURI - ROLLA) 132p. 34/09-B, p. 4403 BLE74-04367

ROY, ROB J.
A DIGITAL ORTHOGONAL MODEL FOR NONLINEAR SYSTEMS. (D.ENG.SCI. 1962 RENSSELAER POLYTECHNIC INSTITUTE) 107p. 23/10, p. 3841 BLE62-06447

ROYFE, EPHRAIN HENRY
A SYSTEMS ANALYSIS OF AN HISTORIC MENTAL RETARDATION INSTITUTION: A CASE STUDY OF ELWYN INSTITUTE - 1852-1970. (VOLUMES I AND II) (ED.D. 1972 TEMPLE UNIVERSITY) 413p. 33/04-A, p. 1474 BLE72-20211

RUBASH, ARLYN ROBERT
A MEASURE OF THE RELATIONSHIP BETWEEN THE QUANTITY OF INFORMATION GENERATED BY INTERTEMPORAL DECOMPOSITIONAL ANALYSIS AND THE RETURN ON COMMON STOCK INVESTMENTS. (PH.D. 1975 THE PENNSYLVANIA STATE UNIVERSITY) 154p. 36/11-A, p. 7524 BLE76-10777

RUBENSTEIN, NANCY ORDELHEIDE
A FORTRAN COMPUTER PROGRAM FOR TRANSCRIBING FRANCONIAN RHYTHM. (PH.D. 1969 WASHINGTON UNIVERSITY) 147p. 30/12-A, p. 5474 BLE70-10868

RUBIN, FRANK
PRINTED WIRE ROUTING FOR MULTILAYER CIRCUIT BOARDS. (PH.D. 1972 SYRACUSE UNIVERSITY) 308p. 33/09-B, p. 4236 BLE73-07767

RUBINGER, BRUCE
SYSTEM IDENTIFICATION VIA NONLINEAR FILTERING. (PH.D. 1970 POLYTECHNIC INSTITUTE OF NEW YORK) 160p. 31/06-B, p. 3407 BLE70-[illegible]

RUBINSTEIN, RICHARD
COMPUTERS AND A LIBERAL EDUCATION: USING LOGO AND COMPUTER ART. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, IRVINE) 249p. 35/02-A, p. 852 BLE74-19246

RUBOW, RICK THOMAS
TRAINING DESIGN AND SYSTEM EVALUATION OF FACTORS FOR THE OPTIMIZATION OF THE FEEDBACK PARAMETERS OF ELECTROMYOGRAPHIC LEARNING. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 134p. 34/09-B, p. 4716 BLE73-23083

RUBY, JAMES BARLOW
ON STORAGE MAPPINGS AND ACCESS STRATEGIES FOR RELATIONAL DATABASES. (PH.D. 1976 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 277p. 37/03-B, p. 1338 BLE76-20212

RUDELIUS, CARL WILLIAM, JR.
A COMPUTER MODEL OF A FIRM DOING GOVERNMENT-SPONSORED RESEARCH AND DEVELOPMENT OF MILITARY AND AEROSPACE SYSTEMS. (PH.D. 1964 UNIVERSITY OF PENNSYLVANIA) 343p. 26/04, p. 1971 BLE65-01388

RUDERMAN, ROBERT
RATIONALISM AND COMPUTER ASSISTED INSTRUCTION. (PH.D. 1972 INDIANA UNIVERSITY) 268p. 33/08-A, p. 4250 BLE73-02670

RUDOLPH, ELEANORE L.
A SURVEY OF DATA PROCESSING AND COMPUTER USE IN INSTRUCTION IN ILLINOIS SECONDARY SCHOOLS. (ED.D. 1972 NORTHERN ILLINOIS UNIVERSITY) 129p. 33/02-A, p. 505 BLE72-22802

RUETER, DONALD BERNARD
THE EFFECTS OF RESPONSE FORM DIFFERENCES IN COMPUTER-ASSISTED INSTRUCTION OF JUNIOR COLLEGE STUDENTS. (ED.D. 1974 UNIVERSITY OF SOUTHERN CALIFORNIA) 103p. 35/09-A, p. 6010 BLE75-06441

RUFF, RICHARD DOUGLAS
A FIELD EXPERIMENT INVOLVING FLANDERS SYSTEM OF INTERACTION ANALYSIS: A FACTOR ANALYTIC STUDY. (PH.D. 1969 THE UNIVERSITY OF TENNESSEE) 174p. 31/04-A, p. 1646 BLE70-17643

RUFF, RONALD EDWARD
COMPUTER MODELLING OF URBAN AIR QUALITY USING ADAPTIVE PATTERN CLASSIFICATION. (PH.D. 1971 UNIVERSITY OF WASHINGTON) 134p. 32/08-B, p. 4537 BLE72-07414

RUGH, WILSON JOHN, II
THE THEORY AND APPLICATION OF SOME EQUIVALENCE CONCEPTS FOR LINEAR OPTIMAL CONTROL PROBLEMS. (PH.D. 1969 NORTHWESTERN UNIVERSITY) 119p. 30/07-B, p. 3186 BLE70-00150

RUMBLE, RICHARD TAYLOR
ON THE COMPUTER SOLUTION OF THE PARKING LOT DESIGN PROBLEM. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, SANTA BARBARA) 164p. 33/10-B, p. 4809 BLE73-08104

RUMMER, DALE IVAN
INVESTIGATION OF A CLASS OF DIGITALLY COMPENSATED SAMPLED-DATA CONTROL SYSTEMS BY DIGITAL SIMULATION. (PH.D. 1963 UNIVERSITY OF KANSAS) 291p. 25/03, p. 1818 BLE64-09612

RUSHING, ALLEN JOSEPH
APPLICATIONS OF FREQUENCY-DOMAIN STABILITY CRITERIA IN THE DESIGN OF NONLINEAR FEEDBACK SYSTEMS. (PH.D. 1973 UNIVERSITY OF MISSOURI - ROLLA) 156p. 34/09-B, p. 4382 BLE74-04388

RUSSELL, BERNIE EUGENE
DIALECTAL AND PHONETIC FEATURES OF EDWARD TAYLOR'S RHYMES: A BRIEF STUDY BASED UPON A COMPUTER CONCORDANCE OF HIS POEMS. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 2432p. 31/12-A, p. 6567 BLE71-09197

RUSSELL, CHARLES RAYFIELD
COMPUTER APPLICATIONS IN EDUCATIONAL PLANNING: A PROGRAM SELECTION MODEL FOR STATE EDUCATION SYSTEMS. (PH.D. 1972 THE FLORIDA STATE UNIVERSITY) 119p. 33/06-A, p. 2667 BLE72-32769

RUSSELL, JOHN KENNETH
THE VISUAL IMAGE PROCESSOR. (PH.D. 1967 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 128p. 28/08-B, p. 3288 BLE68-01843

RUSSELL, ROBERT ALLEN
A STUDY OF THE EFFECT OF A SHORT IN-SERVICE PROGRAM ON THE PARTICIPANTS' ATTITUDES TOWARDS, AND USE OF, COMPUTER BASED SIMULATIONS. (ED.D. 1974 WAYNE STATE UNIVERSITY) 188p. 35/12-A, p. 7776 BLE75-13382

RUSSELL, ROBERT DAVID
A MODEL FOR DEADLOCK-FREE RESOURCE ALLOCATION. (PH.D. 1972 STANFORD UNIVERSITY) 189p. 33/05-B, p. 2025 BLE72-30691

RUSSELL, SYLVIA HELENA (WEBER)
COMPUTER UNDERSTANDING OF CONCEPTUALLY COMPLEX PHRASES. (PH.D. 1975 STANFORD UNIVERSITY) 218p. 36/05-B, p. 2355 BLE75-28600

RUSSO, PAUL MICHAEL
TIME DOMAIN ANALYSIS AND OTIMIZATION OF NONLINEAR WETWORKS BY DIGITAL COMPUTER. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, BERKELEY) 207p. 31/07-B, p. 4057 BLE71-00839

RUSSO, PHILLIP MICHAEL
CELLULAR NETWORKS AND ALGORITHMS FOR PARALLEL PROCESSING OF NON-NUMERIC DATA ENCOUNTERED IN INFORMATION STORAGE AND RETRIEVAL APPLICATIONS. (PH.D. 1975 THE OHIO STATE UNIVERSITY) 171p. 36/08-A, p. 4820 BLE76-03539

RUTH, STEPHEN RUDDY
TEACHING MANAGERS COMPUTER CONCEPTS: AN INVESTIGATION AND ANALYSIS OF EXECUTIVES' PERCEPTIONS OF THE FACTORS INFLUENCING THEIR LEARNING. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 294p. 32/12-B, p. 7148 BLE72-17418

RUX, PETER TURNER
DESIGN AND EVALUATION OF A GLASS DELAY LINE CONTENT-ADDRESSABLE MEMORY SYSTEM. (PH.D. 1968 OREGON STATE UNIVERSITY) 99p. 29/02-B, p. 617 BLE68-11917

RYAN, LAWRENCE DAVID
SYSTEM AND CIRCUIT DESIGN OF THE TRANSFORMATRIX COEFFICIENT PROCESSOR AND OUTPUT DATA CHANNEL. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 104p. 32/08-B, p. 4537 BLE72-07044

RYCHLEWSKI, WALTER JOSEPH, III
DESIGN OF AN AUTOMATED INTERNAL COMBUSTION ENGINE TESTING SYSTEM BASED ON DYNAMIC, DISCRETE-TIME, STATE-VARIABLE FEEDBACK CONTROL. (PH.D. 1975 UNIVERSITY OF MISSOURI - COLUMBIA) 705p. 36/10-B, p. 5187 BLE76-07546

RZASA, PHILIP VINCENT
A MATHEMATICAL ANALYSIS OF PLANNING, GOAL FORMULATION, AND RESOURCE ALLOCATION IN AN ORGANIZATIONAL SYSTEM. (PH.D. 1974 GEORGIA INSTITUTE OF TECHNOLOGY) 194p. 35/01-B, p. 251 BLE74-16142

S

SABLE, EDWARD GEORGE
FAULT DETECTION IN SEQUENTIAL-CIRCUITS. (ENG.SC.D. 1973 COLUMBIA UNIVERSITY) 299p. 34/06-B, p. 2563 BLE73-28246

SACCO, WILLIAM JOHN
MIXTURE PROBLEMS IN PATTERN RECOGNITION. (PH.D. 1970 UNIVERSITY OF DELAWARE) 96p. 31/09-B, p. 5311 BLE71-06461

SACHS, WLODZIMIERZ MICHEL
MAN, DESIGN, MACHINE: AN INQUIRY INTO PRINCIPLES OF NORMATIVE PLANNING FOR COMPUTER-BASED TECHNICAL SYSTEMS ILLUSTRATED BY A CASE OF DESIGN OF AN ENTRY, STORAGE AND RETRIEVAL SYSTEM FOR SCIENTIFIC COMMUNICATION AND TECHNOLOGY TRANSFER. (PH.D. 1976 UNIVERSITY OF PENNSYLVANIA) 195p. 37/04-B, p. 1867 BLE76-22774

SACKIN, CLAIRE G.
AN ANALYSIS OF A SYSTEMS APPROACH TO THE TREATMENT OF ALCOHOLISM: RESPONSE TO PLANNED INTERVENTION. (PH.D. 1976 UNIVERSITY OF PITTSBURGH) 258p. 37/03-A, p. 1902 BLE76-19927

SADEGHI, JAVAD MIRMOHAMMAD
AN ECONOMIC ANALYSIS OF ALTERNATIVE CORN IRRIGATION SYSTEMS IN SOUTHWEST MICHIGAN. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 128p. 33/06-A, p. 4639 BLE73-05480

SADIQ, ABDULLAH
TRANSPORT COEFFICIENTS FROM COMPUTER EXPERIMENTS: A STOCHASTIC ISING MODEL. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 137p. 32/08-B, p. 4815 BLE72-07046

SAFERITE, ELWYN CHARLES
A FORMAT FOR AN AUTOMATED DATA PROCESSING PROGRAM TO CALCULATE THE CURRENT EXPENSE OF EDUCATION OF CURRICULA IN CALIFORNIA JUNIOR COLLEGES. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 101p. 28/07-A, p. 2499 BLE68-00249

SAFFER, SHELLEY IRVING
A STOCHASTIC SIMULATION MODEL OF NORMAL-ABNORMAL LIVER FUNCTION. (PH.D. 1973 SOUTHERN METHODIST UNIVERSITY) 129p. 34/08-B, p. 3747 BLE74-04606

SAGER, GARY REED
DYNAMIC STORAGE ALLOCATION IN A PAGED VIRTUAL MEMORY. (PH.D. 1972 UNIVERSITY OF WASHINGTON) 128p. 33/08-B, p. 3598 BLE73-03779

SAGER, JOHN CLUTTON
A SYSTEMS ANALYSIS OF ENVIRONMENTAL VARIABLES FOR CONTROL OF PHASE II OF MUSHROOM COMPOSTING. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 140p. 35/01-B, p. 200 BLE74-16074

SAHA, PROSANTA KUMAR
YEATS'S CUCHULAIN WORKS: COMPUTER-AIDED ANALYSIS OF THEME, STYLE, AND CONCORDANCES. (VOLUMES I AND II). (PH.D. 1966 CASE WESTERN RESERVE UNIVERSITY) 928p. 28/02-A, p. 693 BLE67-04621

SAIB, SABINA HANLON
A SPEECH PROCESSING SYSTEM. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 169p. 35/08-B, p. 3871 BLE75-02239

SAIF, KHALID ABDULRAHAM
TECHNICAL COMPETENCIES IN BUSINESS AND ELECTRONIC DATA PROCESSING NEEDED BY BUSINESS ELECTRONIC DATA PROCESSING TEACHERS. (PH.D. 1975 UNIVERSITY OF NORTHERN COLORADO) 348p. 36/07-A, p. 4206 BLE75-23332

SAIN, MICHAEL KENT
ON MINIMAL-VARIANCE CONTROL OF LINEAR SYSTEMS WITH QUADRATIC LOSS. (PH.D. 1965 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 50p. 26/01, p. 276 BLE65-07160

SAKAMOTO, HAJIME
ANALYSIS OF CONOPULSE RADAR SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF TENNESSEE) 199p. 36/11-B, p. 5726 BLE76-11086

SALAKO, ABIMBOLA
AN APPROACH TO THE TOTAL DESIGN OF INSTRUCTIONAL SYSTEMS BY SIMULATION. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 204p. 33/07-B, p. 3035 BLE72-24906

SALASIN, JOHN JAY
A COMPUTER DATA MANAGEMENT SYSTEM USING MINIMAL FAST MEMORY STORAGE. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 204p. 33/04-B, p. 1498 BLE72-27804

SALEM, STEVEN LEE
A COMPUTER-ORIENTED APPROACH TO FAULT TREE CONSTRUCTION. (PH.D. 1976 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 289p. 37/01-B, p. 423 BLE76-16662

SALERI, NANSEN GARO
LINEAR REACTION SYSTEMS: THEORY AND EXPERIMENTAL VERIFICATION USING HOMOGENEOUSLY CATALYZED PENTENE ISOMERISATION. (PH.D. 1975 UNIVERSITY OF VIRGINIA) 164p. 36/04-B, p. 1834 BLE75-22809

SALTER, WILLIAM EARL
A STUDY OF THE MAJOR SOURCES OF DISTORTION IN AM-BASEBAND TELEMETRY SYSTEMS AND TECHNIQUES FOR OPTIMUM BASEBAND DESIGN. (PH.D. 1972 UNIVERSITY OF DELAWARE) 143p. 33/06-B, p. 2615 BLE72-33126

SAMEH, AHMED HAMDY MOHAMED
NUMERICAL ANALYSIS OF AXI-SYMMETRIC WAVE PROPAGATION IN ELASTIC-PLASTIC LAYERED MEDIA. (PH.D. 1968 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 107p. 29/07-B, p. 2426 BLE69-01434

SAMUELS, JOHN CLIFTON
ON STOCHASTIC LINEAR SYSTEMS. (PH.D. 1957 PURDUE UNIVERSITY) 106p. 18/06, p. 2084 BLE00-24400

SANCHEZ-SINENCIO, EDGAR
COMPUTER-AIDED DESIGN OF MICROWAVE CIRCUITS. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 68p. 34/12-B, p. 6001 BLE74-12171

SAND, DOUGLAS STUART
COLFTAR: A REAL-TIME ELECTRO-OPTICAL SYSTEM FOR TWO-DIMENSIONAL FOURIER TRANSFORMS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 125p. 34/02-B, p. 673 BLE73-17399

SANDELL, DAVID ANDERSON
A GOAL PROGRAMMING MODEL FOR SEMI-CONTROLLED STUDENT FLOW IN LARGE SCALE EDUCATIONAL SYSTEMS. (PH.D. 1972 RENSSELAER POLYTECHNIC INSTITUTE) 223p. 33/05-A, p. 2048 BLE72-30231

SANDERS, ALTON FRANKLIN
SOME APPLICATIONS OF GRAPH THEORY TO THE DESIGN OF A HEURISTIC PROGRAM FOR THE DISCOVERY OF ORGANIC SYNTHESIS. (PH.D. 1976 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 209p. 37/03-B, p. 1339 BLE76-19717

SANDERS, CHARLES WOODFORD, JR.
DECENTRALIZED FILTERING AND CONTROL IN INTERCONNECTED STOCHASTIC-SYSTEMS. (PH.D. 1973 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 125p. 35/02-B, p. 832 BLE74-18364

SANDERS, DONALD HOWARD
A STUDY OF MANAGERIAL APPROACHES TAKEN IN THE INTRODUCTION AND USE OF ELECTRONIC DATA PROCESSING BY SMALL SOUTHWESTERN FIRMS. (PH.D. 1965 UNIVERSITY OF ARKANSAS) 399p. 26/02, p. 772 BLE65-08473

SANDERS, JERRY LEE
THE APPLICATION OF A THEORY OF MULTI-LEVEL SYSTEMS TO OPTIMIZATION PROBLEMS. (PH.D. 1963 CASE WESTERN RESERVE UNIVERSITY) 125p.
24/03, p. 1191 BLE63-05217

SANDERS, MARGARET JEANNE
COMPUTER UTILIZATION IN PUBLIC ADMINISTRATION IN THE UNDERDEVELOPED COUNTRIES. (PH.D. 1972 NEW SCHOOL FOR SOCIAL RESEARCH) 243p. 34/09-A, p. 6087 BLE74-07162

SANDERS, SAMUEL DAVID
A COMPUTER SIMULATION MODEL FOR SELECTING AND EVALUATING PROCESS EQUIPMENT IN JOBBING FOUNDRIES. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 323p.
31/02-B, p. 718 BLE70-03601

SANDERSON, ARTHUR CLARK
STOCHASTIC MODELS OF INFORMATION PROCESSING IN THE NERVOUS SYSTEM. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 270p.
33/07-B, p. 3053 BLE73-00246

SANDERSON, DONALD HILLER
COMPUTER CONTROLLED STOPPED-FLOW STUDIES: APPLICATION TO SIMULTANEOUS KINETIC ANALYSES. (PH.D. 1972 PURDUE UNIVERSITY) 187p.
33/02-B, p. 608 BLE72-21266

SANDO, ROBERT NORRIS
THE RELATIONSHIP OF SELECTED PERSONAL AND CURRICULAR VARIABLES TO ACHIEVEMENT IN COBOL. (PH.D. 1973 THE UNIVERSITY OF NORTH DAKOTA) 126p. 34/08-B, p. 3748 BLE74-04162

SANDS, THOMAS LEE
THE DEVELOPMENT OF AN INSTRUCTIONAL COMMUNICATION ANALYSIS SYSTEM. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 182p.
33/04-A, p. 1332 BLE72-27086

SANFILIPPO, FRANK ANTHONY
SHORT-TIME OPTIMIZATION OF PARAMETRICALLY DISTURBED LINEAR CONTROL SYSTEMS. (PH.D. 1973 POLYTECHNIC INSTITUTE OF NEW YORK) 105p.
34/05-B, p. 2031 BLE73-24786

SANFORD, ROBERT JOSEPH
A GENERAL APPROACH TO THE ANALYSIS OF HOLOGRAPHIC OPTICAL SYSTEMS FOR STRESS ANALYSIS. (PH.D. 1971 THE CATHOLIC UNIVERSITY OF AMERICA) 78p. 32/09-B, p. 5226 BLE72-08910

SANKARAN, VISWANATHAN
STUDIES IN LINEAR MULTIVARIABLE SYSTEMS. (PH.D. 1971 SOUTHERN METHODIST UNIVERSITY) 105p. 32/03-B, p. 1579 BLE71-24724

SANNUTI, PEDDAPULLAIAH
SINGULAR PERTURBATION METHOD IN THE THEORY OF OPTIMAL CONTROL. (PH.D. 1968 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 93p.
29/08-B, p. 2887 BLE69-01435

SANTANA, BARRY WAYNE
AN INTERACTIVE COMPUTER-AIDED DYNAMIC ANALYSIS AND DESIGN SYSTEM FOR ELASTIC STEEL PLANE FRAMES. (PH.D. 1975 UTAH STATE UNIVERSITY) 337p. 36/09-B, p. 4615 BLE76-06247

SAPERSTONE, STEPHEN HAROLD
CONTROLLABILITY OF LINEAR OSCILLATORY SYSTEMS USING POSITIVE CONTROLS. (PH.D. 1970 UNIVERSITY OF MARYLAND) 63p.
31/08-B, p. 4862 BLE71-04094

SARACEVIC, TEFKO
ON THE CONCEPT OF RELEVANCE IN INFORMATION SCIENCE. (PH.D. 1970 CASE WESTERN RESERVE UNIVERSITY) 366p. 31/07-B, p. 4179 BLE71-01744

SARDINAS, JOSEPH L., JR.
COMPUTER SECURITY AND THE AUDITOR'S RESPONSIBILITY. (PH.D. 1975 THE PENNSYLVANIA STATE UNIVERSITY) 231p.
37/02-A, p. 1088 BLE76-17218

SARGENT, DOUGLAS CRAIG
COMPUTER ALGORITHMS FOR THE EXTRACTION AND APPLICATION OF STRESS CONTOURS FROM CONTINUOUS SPEECH SENTENCES. (PH.D. 1976 PURDUE UNIVERSITY) 228p.
37/03-A, p. 1295 BLE76-20291

SARGENT, ROBERT GEORGE
A DISCRETE LINEAR FEEDBACK CONTROL THEORY INVENTORY MODEL. (PH.D. 1966 THE UNIVERSITY OF MICHIGAN) 158p. 27/09-B, p. 3113 BLE67-01797

SARGENT, WILLIAM STURTEVANT, JR.
AN EXPERIMENTAL STUDY OF STUDENT DECISION-MAKING EFFECTIVENESS IN A COMPUTER-ASSISTED CASE STUDY LEARNING ENVIRONMENT. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 303p.
33/08-A, p. 3876 BLE73-02116

SARIDIS, GEORGE NICHOLAS
ON THE EXACT AND APPROXIMATE SOLUTIONS OF THE OPTIMAL CONTROL PROBLEM WITH BOUNDED STATE VARIABLES. (PH.D. 1965 PURDUE UNIVERSITY) 120p. 27/01-B, p. 181 BLE66-05298

SARKADY, ANTAL ANDRAS
AN INTERACTIVE COMPUTER ANALYSIS OF PHONOCARDIOGRAMS. (PH.D. 1975 UNIVERSITY OF NEW HAMPSHIRE) 236p.
36/11-B, p. 5726 BLE76-02523

SARMA, ISUKAPALLI GOPALA
INVARIANCE THEORY OF AUTOMATIC CONTROL SYSTEMS. (PH.D. 1964 THE UNIVERSITY OF WISCONSIN - MADISON) 203p.
25/06, p. 3483 BLE64-12746

SARUBBI, ROBERT GUY
THE RESPONSE OF MULTI-DIMENSIONAL LINEAR SYSTEMS TO RANDOM NON-STATIONARY INPUTS WITH APPLICATIONS TO MEAN SQUARE ERROR ESTIMATION AND EXTRAPOLATION. (PH.D. 1963 LEHIGH UNIVERSITY) 80p.
25/01, p. 378 BLE64-05704

SASIENI, MAURICE WOLF
SOME PROBLEMS IN THE ANALYSIS OF QUEUING SYSTEMS. (PH.D. 1961 CASE WESTERN RESERVE UNIVERSITY) 84p. 22/02, p. 586 BLE61-02433

SASS, RICHARD EDWARD
THE DEVELOPMENT OF A COMPUTER-BASED MANAGEMENT PROGRAM FOR USE WITH ADAPTIVE INSTRUCTIONAL SYSTEMS. (PH.D. 1970 UNIVERSITY OF PITTSBURGH) 164p.
32/01-A, p. 195 BLE71-16190

SASSON, AZRA
DIRECT EXECUTION OF A LIST PROCESSING LANGUAGE USING A DISTRIBUTED LOGIC MEMORY. (ENG.SC.D. 1974 COLUMBIA UNIVERSITY) 111p.
35/09-B, p. 4419 BLE75-05247

SASTRY, KUCHIBHOTLA VENKATACHALAPATI
MARKOVIAN MODELS FOR PERFORMANCE EVALUATION OF MULTIPROCESSOR, MULTIMEMORY COMPUTER SYSTEMS. (PH.D. 1973 UNIVERSITY OF MINNESOTA) 195p.
34/05-B, p. 2032 BLE73-25855

SASTRY, TADEPALLI V.S.L.N.
TURNING POINT PROBLEMS FOR CERTAIN SYSTEMS OF LINEAR DIFFERENTIAL EQUATIONS. (PH.D. 1965 THE UNIVERSITY OF WISCONSIN - MADISON) 73p.
26/09, p. 5466 BLE65-13751

SATTARIPOUR, S. ALI
DETERMINING THE FREQUENCY RESPONSE OF A NONLINEAR VEHICLE SYSTEM AND PREDICTING THE OUTPUT FROM A RANDOM INPUT. (PH.D. 1972 PURDUE UNIVERSITY) 183p.
36/07-B, p. 3552 BLE76-00465

SATYANARAYANA, NUKALA
STABILITY OF A CLASS OF MULTIPLICATIVE NONLINEAR SYSTEMS. (PH.D. 1971 SOUTHERN METHODIST UNIVERSITY) 95p.
32/03-B, p. 1580 BLE71-24725

SATYANARAYANA, PULAVARTHI
TOWARD COMPUTER UNDERSTANDING OF REAL TEXTS OF NATURAL LANGUAGE. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 125p. 36/09-B, p. 4586 BLE76-06942

SAUCEDO, ROBERT
ANALYSIS OF SOME DIGITAL COMPUTER PROGRAMS BY USE OF SAMPLED-DATA THEORY. (PH.D. 1961 UNIVERSITY OF PITTSBURGH) 239p.
22/03, p. 835 BLE61-03279

SAUER, CHARLES HERBERT
CONFIGURATION OF COMPUTING SYSTEMS: AN APPROACH USING QUEUEING NETWORK MODELS. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 158p. 36/05-B, p. 2356 BLE75-24954

SAUERESSIG, ROBERT
HYBRID-COMPUTER FEEDBACK ANALYSIS OF AGING FUNCTIONS IN WORK BEHAVIOR. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 138p.
30/05-B, p. 2450 BLE69-12411

SAUGEN, JOHN LOUIS
DESIGN OF SUB-OPTIMAL CONTROL SYSTEMS. (PH.D. 1964 UNIVERSITY OF WASHINGTON) 92p.
25/09, p. 5188 BLE65-01902

SAUL, THOMAS NELSON
THREE APPLICATIONS OF THE COMPUTER IN THE EDUCATION OF MUSIC TEACHERS. (PH.D. 1976 THE UNIVERSITY OF ROCHESTER, EASTMAN SCHOOL OF MUSIC) 247p. 37/04-A, p. 1867 BLE76-21865

SAUL, WILLIAM EDWARD
ANALYSIS OF BILINEAR INELASTIC STRUCTURAL SYSTEMS SUBJECTED TO DYNAMIC LOADING. (PH.D. 1964 NORTHWESTERN UNIVERSITY) 105p.
25/11, p. 6472 BLE65-03209

SAUL, WILLIAM EUGENE
AN EXPERIMENTAL STUDY OF THE EFFECT OF COMPUTER AUGMENTED INSTRUCTION ON ACHIEVEMENT AND ATTRITION IN BEGINNING ACCOUNTING AT MIAMI - DADE COMMUNITY COLLEGE, NORTH CAMPUS. (ED.D. 1974 THE UNIVERSITY OF TENNESSEE) 145p.
35/08-A, p. 4787 BLE75-03638

SAUNDERS, KENNETH VAR
SOME GEOMETRIC ASPECTS OF OPTIMAL CONTROL PROBLEMS WITH STATE INEQUALITY CONSTRAINTS. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, BERKELEY) 128p. 26/12, p. 7186 BLE66-03686

SAUNDERS, MICHAEL ALAN
LARGE-SCALE LINEAR PROGRAMMING USING THE CHOLESKY FACTORIZATION. (PH.D. 1972 STANFORD UNIVERSITY) 109p. 33/08-B, p. 3898 BLE73-04681

SAUSE, EDWIN FRANCIS
COMPUTER CONTENT ANALYSIS OF THE PSYCHOLOGICAL AND SOCIAL FACTORS IN THE ORAL LANGUAGE OF KINDERGARTEN CHILDREN: DICTIONARY CONSTRUCTION. (PH.D. 1970 FORDHAM UNIVERSITY) 107p. 31/07-B, p. 4319 BLE71-00019

SAUTER, ROBERT CHARLES
EFFECT OF DISSIMILAR COMBINATIONS OF LEARNER VARIABLES ON LEARNER ACHIEVEMENT THROUGH UTILIZATION OF AN ELECTRONIC DATA PROCESSING EQUIPMENT RESOURCE GUIDE. (ED.D. 1970 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 197p.
31/12-A, p. 6479 BLE71-16462

SAVIO, RICHARD PETER
APPLICATIONS OF SPACE ENERGY SYNTHESIS TO FAST REACTOR SYSTEMS. (PH.D. 1972 PURDUE UNIVERSITY) 178p. 33/06-B, p. 2632 BLE72-30973

SAVO, THEODORE ANTHONY
SYNTHESIS AND ANALYSIS OF FEEDBACK CONTROL SYSTEMS BASED ON PEAK-POWER REQUIREMENT. (PH.D. 1955 PURDUE UNIVERSITY) 176p.
16/01, p. 90 BLE00-14425

SAXENA, ASHOK RAJ
A VERIFIED SPECIFICATION OF A HIERARCHICAL OPERATING SYSTEM. (PH.D. 1976 STANFORD UNIVERSITY) 252p. 37/02-B, p. 857 BLE76-1°798

ABRAMS, MACY L.; SAXON, JAMES A.
VIDAC: A COMPUTER PROGRAM FOR VALUE IDENTIFICATION AND CLASSIFICATION. (PH.D. 1969 UNITED STATES INTERNATIONAL UNIVERSITY) 370p. 31/06-A, p. 2491 BLE70-01236

SAYANI, HASAN HAIDAR
A DECISION-MODEL FOR RESTART AND RECOVERY FROM ERRORS IN INFORMATION PROCESSING SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF MICHIGAN) 236p. 34/04-B, p. 1486 BLE73-24674

SBAITI, AHMAD A.
A SENSITIVITY BASED METHOD FOR COMPUTATION OF OPTIMUM SYSTEMS CONTROL WITH APPLICATIONS TO AN URBAN TRANSIT SYSTEM. (PH.D. 1972 SOUTHERN METHODIST UNIVERSITY) 183p. 34/02-B, p. 635 BLE73-18217

SCACCHIA, JOHN HUMBERT
NEWSPAPER PRODUCTION SYSTEMS, AN OPERATIONS RESEARCH APPROACH. (PH.D. 1975 RENSSELAER POLYTECHNIC INSTITUTE) 258p.
36/08-B, p. 4120 BLE76-03702

SCALZO, FRANK
IMPLEMENTATION OF A CURRICULUM FOR A ONE-SEMESTER UNDERGRADUATE COURSE IN ELEMENTARY COMPUTER-ASSISTED STATISTICS. (PH.D. 1976 FORDHAM UNIVERSITY) 271p.
37/06-A, p. 2611 BLE76-25796

SCANLAN, MICHAEL JOSEPH
AN EXAMINATION OF BASIC AUDIT CONCEPTS AS APPLIED TO THE AUDIT OF REAL-TIME DATA SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 264p. 34/09-A, p. 5386 BLE74-05323

SCANLAND, FRANCIS WORTH
AN INVESTIGATION OF THE RELATIVE EFFECTIVENESS OF TWO METHODS OF INSTRUCTION, INCLUDING COMPUTER-ASSISTED INSTRUCTION, AS TECHNIQUES FOR CHANGING THE PARENTAL ATTITUDES OF NEGRO ADULTS. (PH.D. 1970 THE FLORIDA STATE UNIVERSITY) 81p.
31/09-A, p. 4443 BLE71-07096

SCHAAF, BERNARD WILLIAM
DIGITAL COMPUTER SIMULATION OF HUMAN SYSTEMIC ARTERIAL PULSE WAVE TRANSMISSION: A NONLINEAR MODEL. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 178p.
32/07-B, p. 3910 BLE72-04858

SCHAAK, ROLLAND PHILIP
A SOFTWARE PACKAGE FOR THE IMPLEMENTATION OF CONTROL IN DISCRETE MANUFACTURING. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 346p.
33/01-B, p. 159 BLE72-18733

SCHABERT, STANLEY ARTHUR
AN ALGORITHM AND COMPUTER PROGRAM FOR A RANDOMIZATION TEST. (PH.D. 1970 UNIVERSITY OF PITTSBURGH) 94p. 32/01-B, p. 626 BLE71-18141

SCHADE, CRISTY MARK
OPTIMAL REGULATION OF PHYSIOLOGICAL SYSTEMS VIA REAL-TIME ADAPTIVE MODEL SYNTHESIS. (PH.D. 1971 STANFORD UNIVERSITY) 95p.
32/10-B, p. 5803 BLE72-11857

SCHAEFER, DANIEL JOSEPH
THE STEADY STATE ANALYSIS OF NONLINEAR SYSTEMS. (PH.D. 1976 PURDUE UNIVERSITY) 168p.
37/03-B, p. 1371 BLE76-20292

SCHAEFFER, HARRY GEORGE
THE DIRECT DETERMINATION OF NONLINEAR DISPLACEMENTS OF ARBITRARILY SUPPORTED SHALLOW SHELLS USING MATHEMATICAL PROGRAMMING TECHNIQUES. (PH.D. 1967 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 154p. 28/08-B, p. 3318 BLE68-02071

SCHALLERT, DIANE LEMONNIER
IMPROVING MEMORY FOR INFORMATION: THE RELATIONSHIP BETWEEN ENCODING SPECIFICITY DEPTH OF PROCESSING, AND MEMORY. (PH.D. 1975 ARIZONA STATE UNIVERSITY) 133p.
36/05-A, p. 2722 BLE75-25378

SCHANK, ROGER CARL
A CONCEPTUAL DEPENDENCY REPRESENTATION FOR A COMPUTER-ORIENTED SEMANTICS. (PH.D. 1969 THE UNIVERSITY OF TEXAS AT AUSTIN) 213p.
30/07-A, p. 2994 BLE69-21883

SCHANTZ, RICHARD ELLIOT
OPERATING SYSTEM DESIGN FOR A NETWORK COMPUTER. (PH.D. 1974 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 149p.
35/06-B, p. 2704 BLE74-27792

SCHARBACH, STEVEN EVERETT
CONSUMER INFORMATION PROCESSING FOR BRAND DECISIONS. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 175p.
35/01-A, p. 491 BLE74-09203

SCHAU, HARVEY CHARLES, III
COMPUTER SIMULATION OF AN OPTICALLY PUMPED METHYL FLUORIDE LASER. (PH.D. 1975 THE UNIVERSITY OF FLORIDA) 117p.
36/12-B, p. 6244 BLE76-12122

SCHECHTER, NEIL
PROSPECTS OF MATHEMATICAL SYSTEMS ANALYSIS IN INTERNATIONAL RELATIONS USING DIFFERENTIAL EQUATIONS. (PH.D. 1971 UNIVERSITY OF KANSAS) 140p. 32/10-A, p. 5871 BLE72-11800

SCHEETZ, LEO PATRICK
A COMPARISON OF PERSONNEL INFORMATION STORAGE AND RETRIEVAL SYSTEMS FOR THE PLACEMENT SERVICES OF SELECTED UNIVERSITIES. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 199p.
34/12-A, p. 7555 BLE74-13967

SCHEFFER, VLADIMIR
REGULARITY AND IRREGULARITY OF SOLUTIONS TO NONLINEAR SECOND-ORDER ELLIPTIC SYSTEMS OF PARTIAL DIFFERENTIAL-EQUATIONS AND INEQUALITIES. (PH.D. 1974 PRINCETON UNIVERSITY) 116p. 35/09-B, p. 4552 BLE75-06676

SCHEIDE, ALFRED WILLIAM
A STUDY OF PARALLEL CONDUCTOR POLYPHASE UNTRANSPOSED POWER DISTRIBUTION SYSTEMS. (PH.D. 1972 UNIVERSITY OF CINCINNATI) 129p.
32/12-B, p. 7047 BLE72-16657

SCHELL, JOHN AUGUST
ON THE DEVELOPMENT OF AN INTERACTIVE RESOURCE INFORMATION MANAGEMENT SYSTEM FOR ANALYSIS AND DISPLAY OF SPATIOTEMPORAL DATA. (PH.D. 1974 TEXAS A&M UNIVERSITY) 273p.
36/01-B, p. 381 BLE75-16064

SCHEMBER, KURT ALAN
OPTIMAL DESIGN OF FILES FOR TRANSACTION ORIENTED DATA BASE SYSTEMS. (PH.D. 1975 TEXAS A&M UNIVERSITY) 106p.
36/12-B, p. 6271 BLE76-12691

SCHERZ, CARL JOSEPH
AN ACCURACY ANALYSIS OF SOME PROBLEMS IN OPTIMAL CONTROL. (SC.D. 1965 WASHINGTON UNIVERSITY) 151p. 26/08, p. 4520 BLE66-00479

SCHEUERMANN, LAWRENCE EDWARD
AN AUTOMATED INTERFACE GENERATOR FOR COMPUTERIZED APPLICATION PROGRAMS. (D.B.A. 1974 MISSISSIPPI STATE UNIVERSITY) 269p.
35/12-B, p. 5846 BLE75-13026

SCHICK, TIMOTHY D.
CORRELATION OF THE BALLISTOCARDIOGRAM WITH THE ELECTROCARDIOGRAM BY COMPUTER ORIENTED PATTERN CLASSIFICATION. (PH.D. 1975 UNIVERSITY OF CINCINNATI) 93p.
36/04-B, p. 1562 BLE75-22593

SCHIEWE, ARTHUR JACKSON
A THREE-DIMENSIONAL ADAPTIVE CONTROL SYSTEM. (PH.D. 1960 PURDUE UNIVERSITY) 122p.
21/06, p. 1164 BLE60-04211

SCHILLAK, JOHN RICHARD
THE IMPACT OF THE COMPUTER UPON THE JOB TASKS OF INDIVIDUALS EMPLOYED IN THE FINANCIAL ACCOUNTING SYSTEM OF SELECTED BUSINESSES. (PH.D. 1975 THE UNIVERSITY OF WISCONSIN - MADISON) 354p.
36/03-A, p. 1657 BLE75-12921

SCHILLING, JESSE WILLIAM
THE CRYSTAL AND MOLECULAR STRUCTURES OF A BENZYNE ADDUCT, C(18)H(14) AND AN AZIDOTRIAZOLE DECOMPOSITION PRODUCT, C(15)N(12)N(4), BY COMPUTER-IMPLEMENTED PATTERSON SEARCHING. (PH.D. 1968 THE UNIVERSITY OF MICHIGAN) 357p. 29/08-B, p. 2833 BLE69-02384

SCHINZINGER, ROLAND
SYSTEM OPTIMIZATION WITH CONTINUOUS AND DISCRETE VARIABLES. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 129p. 27/12-B, p. 4401 BLE68-15489

SCHIRING, EARL ELLIOTT
EFFECT OF SATURATION ON THE DYNAMIC RESPONSE OF A CLASS OF BANG-BANG CONTROL SYSTEMS. (PH.D. 1963 UNIVERSITY OF PITTSBURGH) 217p. 25/04, p. 2415 BLE64-05952

SCHLABACH, LELAND A.
COMPUTER ANALYSIS OF COMMUTATORLESS MOTOR (STEADY STATE AND TRANSIENT). (PH.D. 1967 UNIVERSITY OF PITTSBURGH) 370p. 28/10-B, p. 4136 BLE68-04446

SCHLAPMAN, RICHARD
A STUDY OF BUSINESS DATA PROCESSING OFFERINGS IN RELATION TO BUSINESS TEACHER EDUCATION PROGRAMS. (ED.D. 1969 THE UNIVERSITY OF NORTH DAKOTA) 241p. 30/09-A, p. 3842 BLE70-04246

SCHLESINGER, JUDITH D.
A DEMONSTRATION OF THE FEASIBILITY OF USING ENGLISH AS A PROGRAMMING LANGUAGE. (PH.D. 1976 THE JOHNS HOPKINS UNIVERSITY) 287p. 37/04-B, p. 1779 BLE76-22946

SCHLEY, CHARLES H., JR.
COMPUTATIONAL TREATMENT OF MULTISTAGE OPTIMAL CONTROL. (PH.D. 1969 RENSSELAER POLYTECHNIC INSTITUTE) 145p. 30/02-B, p. 655 BLE69-13696

SCHLOSSMACHER, EDWARD JOHN
THE SUBOPTIMAL CONTROL OF DYNAMIC SYSTEMS VIA LIAPUNOV FUNCTIONS. (PH.D. 1970 PRINCETON UNIVERSITY) 171p. 31/06-B, p. 3364 BLE70-23634

SCHLUMBERGER, MAURICE LORRAIN
DE BRUIJN COMMUNICATIONS NETWORKS. (PH.D. 1974 STANFORD UNIVERSITY) 198p. 35/09-B, p. 4419 BLE75-06920

SCHMAEDEKE, WAYNE WILLIAM
OPTIMAL CONTROL THEORY FOR NONLINEAR VECTOR DIFFERENTIAL EQUATIONS WITH MEASURE COEFFICIENTS. (PH.D. 1963 UNIVERSITY OF MINNESOTA) 119p. 25/04, p. 2543 BLE64-07273

SCHMIDT, DAVID KELSO
OPTIMAL MULTIPLE-AIRCRAFT CONTROL FOR THE TERMINAL-AREA APPROACH. (PH.D. 1972 PURDUE UNIVERSITY) 176p. 34/01-B, p. 187 BLE73-15862

SCHMIDT, DOUGLAS CHARLES
MODULAR DECOMPOSITION OF COMBINATIONAL SWITCHING NETWORKS. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 132p. 32/10-B, p. 5736 BLE72-12370

SCHMIDT, RODNEY ALBERT, JR.
A STUDY OF THE REAL-TIME CONTROL OF A COMPUTER-DRIVEN VEHICLE. (PH.D. 1971 STANFORD UNIVERSITY) 169p. 32/08-B, p. 4601 BLE72-05969

SCHMIDT, STANLEY FRANCIS
THE ANALYSIS AND DESIGN OF CONTINUOUS AND SAMPLED-DATA FEEDBACK CONTROL SYSTEMS WITH A SATURATION TYPE NONLINEARITY. (PH.D. 1959 STANFORD UNIVERSITY) 114p. 20/04, p. 1305 BLE59-03721

SCHMITENDORF, WILLIAM ERNEST
ON THE RICCATI TRANSFORMATION TECHNIQUE AND THE CONJUGATE POINT CONDITION FOR OPTIMAL CONTROL PROBLEMS AND DIFFERENTIAL GAMES. (PH.D. 1968 PURDUE UNIVERSITY) 186p. 29/03-B, p. 1011 BLE68-12612

SCHMITT, JEAN KATHERINE SAMUELSON
MODIFYING QUESTIONING BEHAVIOR OF PROSPECTIVE TEACHERS OF MENTALLY RETARDED CHILDREN THROUGH A COMPUTER ASSISTED TEACHER TRAINING SYSTEM (CATTS). (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 173p. 30/10-A, p. 4296 BLE70-04186

SCHMOOKLER, MARTIN STANLEY
QUEUING MODELS FOR COMPUTER STORAGE PROBLEMS. (PH.D. 1969 PRINCETON UNIVERSITY) 174p. 30/11-B, p. 5286 BLE70-08389

SCHMOTZER, RICHARD EUGENE
CONTROL OF STOCHASTIC SYSTEMS WITH TIME DELAYS. (PH.D. 1974 CASE WESTERN RESERVE UNIVERSITY) 111p. 35/09-B, p. 4484 BLE75-05087

SCHNEE, EDWARD JAY
A COMPUTER SIMULATION OF SEVEN ESTATE PLANNING TECHNIQUES. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 313p. 34/09-A, p. 5405 BLE74-06119

SCHNEIDER, DONALD PAUL
A SYSTEMS ANALYSIS OF OPTIMAL MANPOWER UTILIZATION IN HEALTH MAINTENANCE ORGANIZATIONS. (PH.D. 1973 THE UNIVERSITY OF FLORIDA) 298p. 34/11-B, p. 5589 BLE74-10086

SCHNEIDER, GARY MICHAEL
THE DESIGN AND IMPLEMENTATION OF A DATA CONVERSION LANGUAGE FOR NETWORKS. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 315p. 35/10-B, p. 4868 BLE74-30126

SCHNEIDER, VICTOR BARRY
PUSHDOWN-STORE PROCESSORS OF CONTEXT-FREE LANGUAGES. (PH.D. 1966 NORTHWESTERN UNIVERSITY) 108p. 27/07-B, p. 2368 BLE66-14060

SCHNEIDERHAN, DALE LOUIS
A MODEL FOR THE INTRODUCTION OF COMPUTER ASSISTED INSTRUCTION IN K-12 SCHOOLS. (ED.D. 1973 UNIVERSITY OF MINNESOTA) 152p. 34/07-A, p. 3791 BLE74-00678

SCHNEIDERMAN, GARY
ARTERIAL WALL OXYGEN TRANSPORT SYSTEM: COMPUTER SIMULATION AND EXPERIMENTAL STUDY, INCLUDING A THEORETICAL ANALYSIS OF VARIOUS TISSUE OXYGEN MICROELECTRODES. (PH.D. 1975 NORTHWESTERN UNIVERSITY) 428p. 36/12-B, p. 6294 BLE76-12381

SCHNEIDEWIND, NORMAN FLOYD
ANALYTIC MODEL FOR THE DESIGN AND SELECTION OF ELECTRONIC DIGITAL COMPUTING SYSTEMS. (D.B.A. 1966 UNIVERSITY OF SOUTHERN CALIFORNIA) 336p. 26/12, p. 7074 BLE66-05485

SCHOELLER, DALE ALAN
A COMPUTER CONTROLLED ION-COUNTING, ISOTOPE-RATIO MASS-SPECTROMETER. (PH.D. 1974 INDIANA UNIVERSITY) 219p. 35/07-B, p. 3195 BLE75-01755

SCHOEN, ELIEZER THOMAS
ON PROPERTIES OF CONTROL SYSTEMS WITH DIGITAL FEEDBACK. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 135p. 27/04-B, p. 1157 BLE66-08383

SCHOOLER, CHARLES CLINTON, JR.
OPTIMAL AND SUBOPTIMAL CONTROL PROBLEMS WITH Q-TH ORDER STATE INEQUALITY CONSTRAINTS. (PH.D. 1970 UNIVERSITY OF KANSAS) 142p. 31/06-B, p. 3409 BLE70-25427

SCHORR, HERBERT
TOWARDS THE AUTOMATIC ANALYSIS AND SYNTHESIS OF DIGITAL SYSTEMS. (PH.D. 1963 PRINCETON UNIVERSITY) 546p. 25/03, p. 1819 BLE64-01340

SCHREINER, AXEL TOBIAS
CLEOPATRA: A PROPOSAL FOR ANOTHER SYSTEM IMPLEMENTATION LANGUAGE. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 159p. 35/11-B, p. 5382 BLE75-11633

SCHROEDER, CHARLES NEIL
THE DEVELOPMENT OF AN OPTIMIZED COMPUTER SIMULATION MODEL FOR HEAT AND MOISTURE TRANSFER IN SOILS. (PH.D. 1974 TEXAS A&M UNIVERSITY) 328p. 35/08-B, p. 3871 BLE75-02891

SCHROEDER, DONALD HOWARD
A NEW OPTIMIZATION PROCEDURE FOR DIGITAL SIMULATION. (PH.D. 1972 THE UNIVERSITY OF NEW MEXICO) 235p. 33/10-B, p. 4762 BLE73-08390

SCHRYER, NORMAN LOREN
SYMBOLIC COMPUTER SOLUTION OF ELLIPTIC BOUNDARY VALUE PROBLEMS. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 131p. 31/02-B, p. 812 BLE70-14636

SCHUENZEL, ROLF GUNTHER
REAL-TIME HYBRID-COMPUTER FEEDBACK ANALYSIS OF ACOUSTIC IMPEDANCE AND HEARING. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 210p. 29/12-B, p. 4633 BLE69-00993

SCHUETZLE, DENNIS
COMPUTER CONTROLLED HIGH-RESOLUTION MASS-SPECTROMETRIC ANALYSIS OF AIR POLLUTANTS. (PH.D. 1972 UNIVERSITY OF WASHINGTON) 242p. 33/08-B, p. 3524 BLE73-03788

SCHULTZ, DONALD GENE
THE VARIABLE GRADIENT METHOD OF GENERATING LIAPUNOV FUNCTIONS WITH APPLICATIONS TO AUTOMATIC CONTROL SYSTEMS. (PH.D. 1962 PURDUE UNIVERSITY) 185p. 23/06, p. 2087 BLE63-00168

SCHULTZ, HILBERT KENNETH
NONLINEAR PROGRAMMING ALGORITHMS DEVISED BY A GENERAL OPTIMALITY CONDITION. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 75p. 32/06-B, p. 3301 BLE71-28505

SCHULTZ, JEFFREY ALAN
THE RETRIEVAL OF INFORMATION USING NATURAL-LANGUAGE: A PROBLEM OF DATA-STRUCTURING AND LANGUAGE. (PH.D. 1973 CASE WESTERN RESERVE UNIVERSITY) 160p. 34/12-B, p. 6100 BLE74-02561

SCHULTZ, PETER REDFIELD
OPTIMAL CONTROL IN THE PRESENCE OF MEASUREMENT ERRORS AND RANDOM DISTURBANCES. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 165p. 24/05, p. 1949 BLE63-07891

SCHULTZ, RONALD GLEN
SOME APPLICATIONS OF SHORT TIME MEMORY DEVICES TO NONLINEAR CONTROL SYSTEMS. (PH.D. 1959 UNIVERSITY OF PITTSBURGH) 122p. 20/08, p. 3246 BLE59-04466

SCHULZ, ECKHARD JOSEF
A MODULAR ORGANIZATION OF A DIGITAL INTEGRATING COMPUTER FOR THE NUMERICAL SOLUTION OF DIFFERENTIAL EQUATIONS. (PH.D. 1972 STANFORD UNIVERSITY) 88p. 32/12-B, p. 7047 BLE72-16790

SCHUNAK, MARY WALKER
THE USE OF A COMPUTER GENERATED RESOURCE GUIDE TO DETERMINE THE EXTENT AND TYPE OF INVOLVEMENT OF A DIFFERENTIATED STAFF IN CURRICULAR DECISION-MAKING RELATIVE TO TEAM PLANNING AND TEAM IMPLEMENTATION FOR PERSONALIZED INSTRUCTION–A DESCRIPTIVE CASE STUDY. (ED.D. 1973 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 270p. 34/04-A, p. 1596 BLE73-23864

SCHUSLER, MARIAN MARTIN
PREDICTION OF GRADES BY COMPUTER FOR HIGH SCHOOL STUDENTS: A CROSS VALIDATION AND EXPERIMENTAL PLACEMENT STUDY. (PH.D. 1964 UNIVERSITY OF PITTSBURGH) 107p. 26/03, p. 1460 BLE65-05243

SCHUSTER, STEWART ARNOLD
LOCATING OPTIMAL-SITES IN GEOGRAPHIC INFORMATION SYSTEMS. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 139p. 34/09-B, p. 4328 BLE74-05690

SCHUTTE, LAWRENCE JOSEPH
THE VALUE OF DYNAMIC ALGEBRA OPERATORS FOR SEQUENTIAL COMPUTERS. (PH.D. 1974 PURDUE UNIVERSITY) 205p. 35/06-B, p. 2704 BLE74-26775

SCHUYLER, JAMES ALAN
STUDENT RESPONSE MATCHING ALGORITHMS FOR COMPUTER-BASED LEARNING SYSTEMS. (PH.D. 1973 NORTHWESTERN UNIVERSITY) 218p. 34/09-B, p. 4328 BLE74-07617

SCHUYLER, ROBERT JOHN
MONOPHOTON DECAY TIME FLUOROMETRY: THEORY, DESIGN, AND APPLICATION TO BIOCHEMICAL SYSTEMS. (PH.D. 1972 OREGON STATE UNIVERSITY) 189p. 32/09-B, p. 5051 BLE72-09624

SCHWAB, BERNHARD JOACHIM
ECONOMIC EVALUATION AND SELECTION OF ELECTRONIC DATA PROCESSING SYSTEMS. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 183p. 28/10-A, p. 3826 BLE68-04466

SCHWAR, JAMES PHILIP
OPTIMAL CONTROL OF A FIRST ORDER SYSTEM WITH A TIME DELAY. (PH.D. 1967 LEHIGH UNIVERSITY) 216p. 28/05-B, p. 1919 BLE67-14863

SCHWARTZ, JAY WILLIAM
DATA PROCESSING IN SCIENTIFIC SPACE PROBES. (PH.D. 1964 YALE UNIVERSITY) 135p. 25/08, p. 4616 BLE65-01950

SCHWARTZ, MARVIN STUART
A STORAGE HIERARCHIAL ADDRESSING-SPACE FOR A COMPUTER FILE SYSTEM. (PH.D. 1973 CASE WESTERN RESERVE UNIVERSITY) 101p. 34/01-B, p. 175 BLE73-16164

SCHWARTZ, MORTON DONALD
STOCHASTIC PROBLEMS IN OPTIMAL CONTROL. (PH.D. 1964 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 376p. 25/03, p. 1820 BLE64-09796

SCHWARZENBACH, LYLE EVERETT
THE APPLICATION OF THE SYSTEMS CONCEPT TO THE DEVELOPMENT OF INSTRUCTIONAL MATERIALS IN PHYSICAL EDUCATION. (ED.D. 1975 UNIVERSITY OF WYOMING) 252p. 36/07-A, p. 4330 BLE76-01206

SCHWEBEL, JOHN CHARLES
A GRAPH-STRUCTURE TRANSFORMATION MODEL FOR PICTURE-PARSING. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 124p. 33/10-B, p. 4762 BLE73-10044

SCHWEIZER, PHILIPP FREDERICK
DESIGN OF OPTIMAL CONTROL SYSTEMS WITH TIME DELAY. (PH.D. 1968 PURDUE UNIVERSITY) 151p. 29/11-B, p. 4180 BLE69-07496

SCHWEPPE, FREDERIC CHARLES
THE DESIGN AND ANALYSIS OF DISCRETE SYSTEMS USING ORTHOGONALIZED RANDOM VARIABLES. (PH.D. 1958 THE UNIVERSITY OF WISCONSIN - MADISON) 118p. 19/07, p. 1695 BLE58-07633

SCHWETMAN, HERBERT DEWITT, JR.
A STUDY OF RESOURCE UTILIZATION AND PERFORMANCE EVALUATION OF LARGE-SCALE COMPUTER SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 124p. 31/11-B, p. 6564 BLE71-11606

SCOTT, DAVID ALLEN
COMPUTER SIMULATION OF PATTERN RECOGNITION USING STATISTICAL DECISION FUNCTIONS. (PH.D. 1970 IOWA STATE UNIVERSITY) 93p. 31/09-B, p. 5678 BLE71-07326

SCOTT, HUGH LAWERENCE, JR.
ANALYSIS OF A MODEL OF CONDENSATION FOR FERMI SYSTEMS. (PH.D. 1970 PURDUE UNIVERSITY) 60p. 31/04-B, p. 2175 BLE70-18730

SCOTT, NORMAN ROSS
SOME STUDIES OF OSCILLATIONS IN NON-LINEAR SYSTEMS. (PH.D. 1950 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 109p. 10/04, p. 187 BLE00-02082

SCOTT, PETER DOUGLAS
OPTIMAL CONTROL WITH RESPECT TO A CLASS OF CHEBYSHEV PERFORMANCE INDICES. (PH.D. 1971 CORNELL UNIVERSITY) 84p. 31/12-B, p. 7299 BLE71-15641

SCOTT, RANDALL FORD
A COMPUTER PROGRAMMER PRODUCTIVITY PREDICTION MODEL. (PH.D. 1973 TEXAS A&M UNIVERSITY) 136p. 34/12-B, p. 6100 BLE74-13100

SCOTT, RICHARD LYNN
I. COMPUTERIZATION OF A COMMERCIAL RAPID SCAN SPECTROMETER. II. CONSTRUCTION OF A GENERAL PURPOSE COMPUTER INTERFACE FOR DATA ACQUISITION. III. FINITE DIFFERENCE SIMULATION OF DOUBLE POTENTIAL STEP RESPONSES. IV. THE ELECTROCHEMICAL REDUCTION OF THIOXANTHONE. (PH.D. 1975 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 250p. 36/10-B, p. 4985 BLE76-09292

SCOTT, ROBERT COOK
SMEAR AND SWEEP: A METHOD OF FORMING INDICES FOR USE IN TESTING IN NONLINEAR SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF IOWA) 96p. 36/12-A, p. 8193 BLE76-13440

SEAL, CHARLES ELWOOD
THE STRUCTURE OF OPTIMAL FINAL VALUE CONTROL SYSTEMS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 99p. 29/06-B, p. 2043 BLE68-18575

SEAMANS, DAVID ALVIN
TERNARY ARITHMETIC IN DIRECT DIGITAL CONTROL SYSTEMS. (PH.D. 1968 OREGON STATE UNIVERSITY) 156p. 29/04-B, p. 1367 BLE68-14408

SEAMON, JOHN GEORGE
RETRIEVAL PROCESSES FOR ORGANIZED SEMANTIC INFORMATION. (PH.D. 1972 UNIVERSITY OF MASSACHUSETTS) 45p. 33/06-B, p. 2844 BLE72-33016

SEASTROM, DALE EDWARD
ADAPTIVE DISPLAYS TO ACCOMMODATE LEARNING: IMPLICATIONS FOR MAN-COMPUTER DECISION-MAKING IN A GRAPHICS-AIDED INFORMATION RETRIEVAL ENVIRONMENT. (PH.D. 1973 STANFORD UNIVERSITY) 155p. 34/09-B, p. 4390 BLE74-06646

SEBESTA, HENRY ROBERT
ANALYSIS AND DESIGN OF OPTIMAL CONTROL SYSTEMS FOR DYNAMICAL PROCESSES WITH TIME DELAYS. (PH.D. 1966 THE UNIVERSITY OF TEXAS AT AUSTIN) 106p. 27/10-B, p. 3532 BLE67-03349

SEBORG, DALE EDWARD
STABILITY OF NONLINEAR SYSTEMS CONTAINING TIME DELAYS. (PH.D. 1969 PRINCETON UNIVERSITY) 149p. 31/02-B, p. 656 BLE70-14241

SECHAN, NEIL HOWARD
OPTIMAL CONTROL THEORY APPLICATIONS TO REACTOR PHYSICS PROBLEMS. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 158p. 36/09-B, p. 4651 BLE76-06951

SECKER, PHILLIP ALLEN, JR.
NUMERICAL INTEGRATION OF DYNAMIC NUCLEAR SYSTEMS EQUATIONS BY OPTIMUM INTEGRATING FACTORS. (PH.D. 1969 THE UNIVERSITY OF ARIZONA) 103p. 30/05-B, p. 2223 BLE69-18393

SEDGEWICK, ROBERT
QUICKSORT (+ A SORTING METHOD FOR USE ON COMPUTERS). (PH.D. 1975 STANFORD UNIVERSITY) 353p. 36/05-B, p. 2357 BLE75-25604

SEDMAN, ALLEN JEFFRY
BLOOD LEVELS OF ETHANOL AND A DECISION-MAKING PHARMACOKINETIC DIGITAL COMPUTER PROGRAM. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 180p. 35/11-B, p. 5351 BLE75-10290

SEDWICK, JACKSON LEE, JR.
THE EQUIVALENCE OF NONLINEAR AND BILINEAR CONTROL SYSTEMS. (D.SC. 1974 WASHINGTON UNIVERSITY) 65p. 36/01-B, p. 411 BLE75-14936

SEEVERS, JOHN ALTMAN
DESIGN AND APPLICATION OF SPECIFIED CLOSED-LOOP OPTIMAL CONTROL. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, DAVIS) 249p.
35/07-B, p. 3346 BLE74-29346

SEGAL, JOSHUA L.
A DIGITAL COMPUTER SYSTEM FOR THE OBSERVATION OF TRANSIENT-PHENOMENA IN A MASS-SPECTROMETER. (DR.ENG. 1973 RENSSELAER POLYTECHNIC INSTITUTE) 158p.
34/06-B, p. 1986 BLE73-27231

SEGAL, MARTIN
STABILITY REGIONS FOR SYSTEMS OF LINEAR DIFFERENTIAL EQUATIONS WITH PERIODIC COEFFICIENTS. (PH.D. 1963 NEW YORK UNIVERSITY) 41p. 25/01, p. 506 BLE64-06502

SEIDMAN, LAWRENCE PETER
DESIGN AND PERFORMANCE OF PARAMETER MODULATION SYSTEMS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 146p.
28/01-B, p. 186 BLE67-06647

SEIFERT, ARNDT
THE TIME PRICE SYSTEM–ITS APPLICATION TO THE MEASUREMENT OF PRIMARY OUTDOOR RECREATION BENEFITS. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 265p. 33/02-A, p. 491 BLE72-22288

SEIFRIED, ROGER CHRISTIAN
DESIGN OF MINIMUM COST CENTRALIZED COMPUTER COMMUNICATION NETWORKS. (PH.D. 1975 UNIVERSITY OF CINCINNATI) 97p.
36/08-B, p. 4073 BLE76-02346

SEINFELD, JOHN HERSH
OPTIMAL CONTROL OF DISTRIBUTED-PARAMETER SYSTEMS. (PH.D. 1967 PRINCETON UNIVERSITY) 163p. 28/12-B, p. 4996 BLE68-06961

SEKOWSKI, ROBERT W.
AN ANALYSIS OF THE DEVELOPMENT OF COMPUTER SERVICES FOR EDUCATIONAL USE. (ED.D. 1970 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 93p. 30/12-A, p. 5211 BLE70-10310

SELF, GORDON LYNN
IDENTIFICATION OF SINGLE INPUT SINGLE OUTPUT DISCRETE SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF TULSA) 313p. 32/10-B, p. 5750 BLE72-12942

SELKOW, STANLEY MELVYN
UNSUPERVISED PATTERN RECOGNITION USING POTENTIAL FUNCTIONS. (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 137p.
31/06-B, p. 3327 BLE70-25729

SELLEY, ROGER ALAN
DISEASE CONTROL AND THE OPTIMAL ALLOCATION OF RESOURCES. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 89p.
33/02-A, p. 474 BLE72-19002

SEMBARZADEH, GHOLAM ALI
AN INTERACTIVE COMPUTER-AIDED MODELING SYSTEM FOR THE DISCRETIZATION OF BRIDGE STRUCTURES FOR FINITE-ELEMENT ANALYSIS. (PH.D. 1973 UNIVERSITY OF PENNSYLVANIA) 258p.
34/08-B, p. 3748 BLE73-34221

SEN, AMITAVA
APPLICATIONS OF ASSUMED MODE SOLUTIONS IN CONTROL ENGINEERING. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 222p.
33/10-B, p. 4810 BLE73-09138

SENDAULA, HENRY MUSOKE
OPTIMAL CONTROL OF HYPERBOLIC DISTRIBUTED-PARAMETER SYSTEM. (PH.D. 1972 THE UNIVERSITY OF CONNECTICUT) 153p.
33/06-B, p. 2615 BLE72-32192

SEPPANEN, MARVIN STEVEN
THE DESIGN OF AN AIRBORNE RESPIRABLE DUST MONITORING SYSTEM FOR UNDERGROUND COAL MINES. (PH.D. 1975 UNIVERSITY OF MINNESOTA) 234p. 37/01-B, p. 399 BLE76-14964

SEROR, DENIS DAVID
DCPL, A DISTRIBUTED CONTROL PROGRAMMING LANGUAGE. (PH.D. 1970 UNIVERSITY OF UTAH) 185p. 31/08-B, p. 4630 BLE71-03979

SESAK, JOHN ROBERT
SENSITIVITY-CONSTRAINED LINEAR OPTIMAL CONTROL: ANALYSIS AND SYNTHESIS. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 280p.
35/11-B, p. 5432 BLE75-05967

SETHI, RAVI
VALIDATING REGISTER ALLOCATIONS FOR STRAIGHT-LINE PROGRAMS. (PH.D. 1973 PRINCETON UNIVERSITY) 153p. 34/04-B, p. 1487 BLE73-23217

SETHI, SURESH PAL
APPLICATIONS OF OPTIMAL CONTROL THEORY IN MANAGEMENT SCIENCE AND ECONOMICS. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 276p.
33/05-A, p. 1913 BLE72-29866

SETHNA, PATARASP RUSTOMJI
STEADY STATE MOTION OF ONE AND TWO DEGREES OF FREEDOM VIBRATING SYSTEMS WITH A NONLINEAR RESTORING FORCE. (PH.D. 1953 THE UNIVERSITY OF MICHIGAN) 82p.
13/05, p. 750 BLE00-05728

SEVERANCE, DENNIS GORDON
SOME GENERALIZED MODELING STRUCTURES FOR USE IN DESIGN OF FILE ORGANIZATIONS. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 316p.
34/08-B, p. 3900 BLE74-04910

SEVERCAN, METE
COMPUTER GENERATION OF COHERENT OPTICAL FILTERS WITH HIGH LIGHT EFFICIENCY AND LARGE DYNAMIC RANGE. (PH.D. 1974 STANFORD UNIVERSITY) 137p. 34/12-B, p. 6157 BLE74-13687

SEWELL, VIRGIL LAWRENCE
A COMPUTER MODELING STUDY OF THE CEREBELLAR CORTEX. (PH.D. 1970 CASE WESTERN RESERVE UNIVERSITY) 87p.
32/01-B, p. 268 BLE71-19063

SEXTON, DONALD LEE
IMPROVING A COMPANY'S TOTAL PERFORMANCE THROUGH TIME: AN ANALYSIS OF THE ATTITUDINAL AND BEHAVIORAL IMPACT OF HUMAN RESOURCE INFORMATION ON PRODUCTIVITY. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 161p.
33/08-A, p. 3877 BLE73-02122

SEYBERT, ANDREW FREDERICK
ESTIMATION OF FREQUENCY RESPONSE IN ACOUSTICAL SYSTEMS WITH PARTICULAR APPLICATION TO DIESEL ENGINE NOISE. (PH.D. 1975 PURDUE UNIVERSITY) 273p.
37/03-B, p. 1385 BLE76-20396

SHAFER, JOHN ROSS
AN EXPERIMENTAL STUDY OF COMPUTER REINFORCED AND INDUCTIVE TECHNIQUES IN HIGH SCHOOL CHEMISTRY LABORATORY SESSIONS. (ED.D. 1970 THE UNIVERSITY OF ROCHESTER) 96p.
31/07-A, p. 3427 BLE71-01464

SHAFFER, THOMAS HILLARD, III
CONTROL ANALYSIS AND DESIGN OF DEMAND REGULATED LIQUID BREATHING SYSTEMS. (PH.D. 1972 DREXEL UNIVERSITY) 114p.
33/04-B, p. 1568 BLE72-26969

SHAFFER, WILLIAM ROSS
COMPUTER SIMULATIONS OF VOTING BEHAVIOR. (PH.D. 1969 SYRACUSE UNIVERSITY) 333p.
31/03-A, p. 1341 BLE70-16220

SHAFRAN, JOEL
MINIMAL TIME CONTROL OF LINEAR SYSTEMS WITH CONTROL AMPLITUDE AND RATE SATURATIONS. (PH.D. 1969 PURDUE UNIVERSITY) 265p.
30/04-B, p. 1694 BLE69-17266

SHAH, SANJAY NATVERLAL
NUMERICAL ANALYSIS OF METAL-FORMING PROCESSES. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 159p.
37/01-B, p. 414 BLE76-15366

SHAHALAM, ABUL BASHER M.
OPTIMAL CONTROL OF AN UNSTEADY STATE CONTINUOUS ACTIVATED SLUDGE SYSTEM: A COMPARISON OF DIGITAL COMPUTER SIMULATION VS PILOT PLANT RESULTS. (PH.D. 1976 THE UNIVERSITY OF TOLEDO) 192p.
37/05-B, p. 2412 BLE76-24932

SHAHBENDER, RABAH ABD-EL-RAHMAN
THE APPLICATION OF THE TECHNIQUES OF NONLINEAR MECHANICS TO THE ANALYSIS AND SYNTHESIS OF SERVOMECHANISM SYSTEMS. (PH.D. 1951 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 121p. 12/01, p. 37 BLE00-03149

SHAHEIN, HUSSEIN ISMAIL HASSAN
SELF-ORGANIZING CONTROL FOR CERTAIN CLASSES OF INCOMPLETELY SPECIFIED DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1972 UNIVERSITY OF PENNSYLVANIA) 213p.
34/04-B, p. 1524 BLE73-13473

SHANKLE, JIMMY E.
A STRATEGY FOR THE PROCUREMENT OF COMPUTERS FOR INSTITUTIONS OF HIGHER EDUCATION IN ARKANSAS. (ED.D. 1976 UNIVERSITY OF ARKANSAS) 528p.
37/05-B, p. 2379 BLE76-26431

SHAPIRO, GERALD NORRIS
A FUNCTIONAL APPROACH TO STRUCTURED COMBINATIONAL-LOGIC DESIGN. (PH.D. 1974 STANFORD UNIVERSITY) 176p.
34/12-B, p. 5945 BLE74-13686

SHAPIRO, JEROME BARRY
OPTIMAL CONTROL OF A CLASS OF DIFFUSION PROCESSES. (PH.D. 1970 YALE UNIVERSITY) 212p.
31/07-B, p. 4058 BLE71-00061

SHAPIRO, MICHAEL DAVID
A SNOBOL MACHINE: FUNCTIONAL ARCHITECTURAL CONCEPTS OF A STRING PROCESSOR. (PH.D. 1972 PURDUE UNIVERSITY) 204p.
33/06-B, p. 2558 BLE72-30978

SHAPIRO, MICHAEL JOSEPH
THE HOUSE AND THE FEDERAL ROLE: A COMPUTER SIMULATION OF ROLL-CALL VOTING. (PH.D. 1966 NORTHWESTERN UNIVERSITY) 141p.
27/10-A, p. 3498 BLE67-04269

SHAPIRO, STUART CHARLES
A DATA STRUCTURE FOR SEMANTIC INFORMATION PROCESSING. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 174p.
32/04-B, p. 2113 BLE71-20691

SHARIAT, AHMAD
OPTIMAL CONTROL OF A DISTRIBUTED PARAMETER SYSTEM. (PH.D. 1971 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 228p. 33/02-B, p. 700 BLE72-17807

SHARIF, MOHAMMAD NAWAZ
STOCHASTIC PLANNING PROCEDURE FOR WATER RESOURCE SYSTEM DESIGN. (PH.D. 1970 TEXAS A&M UNIVERSITY) 166p. 31/03-B, p. 1297 BLE70-16760

SHARIFI FARDI, MOHSEN
A PRAGMATIC APPROACH TO DEVELOPMENT AND APPLICATION OF TOTAL INFORMATION SYSTEM. (PH.D. 1975 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 350p.
36/12-A, p. 8136 BLE76-12940

SHARMA, ONKAR P.
A TRAINABLE SYNTACTIC MODEL FOR SYNTAX SPECIFICATION AND RECOGNITION OF HANDDRAWN TWO-DIMENSIONAL PATTERNS. (PH.D. 1971 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 135p. 32/05-B, p. 2650 BLE71-23052

SHARP, DAVID ROY
A HYBRID COMPUTER METHOD FOR EVALUATING OPTIMAL CONTROLS. (PH.D. 1970 CARNEGIE-MELLON UNIVERSITY) 195p. 31/06-B, p. 3409 BLE70-21599

SHARTIAG, JOSEPH KENNETH
DATA ANALYSIS AND SIMULATION SYSTEM FOR HOSPITAL OPERATING ROOMS. (PH.D. 1971 NORTHWESTERN UNIVERSITY) 223p.
32/06-B, p. 3454 BLE71-30946

SHASTRY, JAIPRAKASH SHIVRAM
OPTIMAL SYNTHESIS, STABILITY ANALYSIS AND CONTROL OF A CLASS OF FREE-RADICAL POLYMERIZATION REACTOR SYSTEMS. (PH.D. 1973 KANSAS STATE UNIVERSITY) 337p.
34/06-B, p. 2595 BLE73-26373

SHAUL, DONALD ROBERT
THE EFFECTS OF DATA PROCESSING ON MIDDLE MANAGERS. (PH.D. 1964 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 188p.
25/01, p. 166 BLE64-07791

SHAVER, RUSSELL DAVIS, III
GEOMETRIC ASPECTS OF OPTIMAL CONTROL PROBLEMS WITH DISCONTINUITIES. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 241p.
27/08-B, p. 2728 BLE66-15495

SHAW, DAVID ALEXANDER
A UNIQUE, SELF-STANDARDIZING INSTRUMENTAL SYSTEM UTILIZING TERNARY-LEVEL MODULATION TECHNIQUES FOR FLAME EMISSION CHEMICAL ANALYSIS. (PH.D. 1972 UNIVERSITY OF MARYLAND) 140p. 33/05-B, p. 1970 BLE72-29366

SHAW, DAVID OWEN
COMPARISON OF METHODS FOR COMBINING INCOMPLETE SETS OF RANK ORDER DATA BY COMPUTER SIMULATION. (PH.D. 1969 UNIVERSITY OF HOUSTON) 213p. 29/10-B, p. 3948 BLE69-06052

SHAW, MARY MARGARET
LANGUAGE STRUCTURES FOR CONTRACTIBLE COMPILERS. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 313p. 33/02-B, p. 678 BLE72-21603

SHEA, PATRICK DAVID
OPTIMAL CONTROL OF LINEAR DIFFERENTIAL AND DIFFERENCE GAMES. (PH.D. 1969 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 146p.
30/07-B, p. 3187 BLE70-00976

SHEAR, JOHN F.
DEVELOPMENT AND TESTING OF A STUDENT NUMBER PROJECTION MODEL FOR AGRICULTURAL PROGRAMS IN AGRICULTURAL AND TECHNICAL COLLEGES. (ED.D. 1975 STATE UNIVERSITY OF NEW YORK AT ALBANY) 108p.
36/04-A, p. 1970 BLE75-22660

SHEDLETSKY, JOHN JAMES
ERROR LATENCY IN DIGITAL CIRCUITS. (PH.D. 1976 STANFORD UNIVERSITY) 164p.
37/05-B, p. 2379 BLE76-26076

SHEEHAN, BERNARD STEPHEN
STATE SPACE SYNTHESIS OF LINEAR PASSIVE SYSTEMS. (PH.D. 1965 THE UNIVERSITY OF CONNECTICUT) 156p. 26/09, p. 5342 BLE66-00868

SHEETS, WENDELL ROSS
A STUDY OF THE EFFECT OF ELECTRONIC DATA PROCESSING ON ORGANIZATION AND PERSONNEL IN SELECTED PUBLIC SCHOOL SYSTEMS OF MARYLAND. (ED.D. 1967 UNIVERSITY OF MARYLAND) 212p. 28/11-A, p. 4428 BLE68-07036

SHEIKHIAN, MEHDI
COMPLEXITY AND REHEARSAL IN PICTORIAL INFORMATION PROCESSING AND MEMORY. (PH.D. 1973 INDIANA UNIVERSITY) 56p.
34/09-B, p. 4719 BLE74-07016

SHELL, RICHARD LEROY
A WORK MEASUREMENT SYSTEM FOR COMPUTER PROGRAMMING OPERATIONS. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 157p. 31/09-B, p. 5382 BLE71-06234

SHELLY, JAMES HAROLD
THE DECISION AND SYNTHESIS PROBLEMS IN SEMI-MODULAR SWITCHING THEORY. (PH.D. 1959 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 99p. 20/05, p. 1813 BLE59-04569

SHELTON, JERRY H.
AN ALGEBRAIC MODEL OF PROGRAMMING LANGUAGE SEMANTICS. (PH.D. 1975 THE UNIVERSITY OF WISCONSIN - MADISON) 101p.
36/12-B, p. 6271 BLE76-06106

SHELTON, ROBERT JAMES
SPONTANEOUS-RADIATION AND LINEAR-RESPONSE OF A DRIVEN, DEGENERATE SYSTEM. (PH.D. 1974 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 135p. 35/06-B, p. 2951 BLE74-27822

SHEMER, JACK EVVARD
PROBABILITY MODELS AND COMPUTER SYSTEM DESIGN. (PH.D. 1968 SOUTHERN METHODIST UNIVERSITY) 118p. 29/06-B, p. 2043 BLE68-17062

SHEN, CHI-NENG
EFFECT OF NON-LINEAR PROCESS ELEMENTS ON THE STABILITY OF CLOSED LOOP CONTROL SYSTEMS. (PH.D. 1954 UNIVERSITY OF MINNESOTA) 356p.
14/08, p. 1192 BLE00-08489

SHEN, I-MING
ACCELERATION OF THE PROJECTION METHOD FOR SOLVING SYSTEMS OF LINEAR EQUATIONS. (PH.D. 1970 IOWA STATE UNIVERSITY) 59p.
31/09-B, p. 5312 BLE71-07327

SHEN, KUEI
ANALCG COMPUTER SIMULATION IN PLASMA PHYSICS. (PH.D. 1970 THE UNIVERSITY OF IOWA) 106p. 31/06-B, p. 3410 BLE70-23946

SHEN, LEON YUIN-LIANG
A SYSTEMS APPROACH TO APPLYING PATTERN RECOGNITION TO MEDICAL DIAGNOSIS. (PH.D. 1973 PURDUE UNIVERSITY) 185p.
34/08-B, p. 3794 BLE74-03049

SHEN, STEWART NEI TEI
MODULAR NATURAL LANGUAGE INPUT DATA PROCESSING AND A SYSTEM OF AUTOMATIC TRANSLATION OF CERTAIN LINEAR PROGRAMMING PROBLEMS. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 172p. 33/06-B, p. 2558 BLE72-32577

SHEPPARD, JACK GLEN
ON-LINE TESTING OF LINEAR ELECTRONIC SYSTEMS USING AVERAGE CORRELATION-FUNCTIONS. (PH.D. 1973 UNIVERSITY OF ARKANSAS) 89p.
34/05-B, p. 2033 BLE73-27449

SHERMAN, ANDREW HARRY
ON THE EFFICIENT SOLUTION OF SPARSE SYSTEMS OF LINEAR AND NONLINEAR EQUATIONS. (PH.D. 1975 YALE UNIVERSITY) 207p.
36/12-B, p. 6272 BLE76-13692

SHERMAN, NORA JO MARTIN
AN ANALYSIS OF COMPETENCIES NEEDED BY INTRODUCTORY DATA PROCESSING TEACHERS AS PERCEIVED BY AUTHORITIES AND TEACHERS OF DATA PROCESSING. (ED.D. 1975 UNIVERSITY OF HOUSTON) 290p. 36/09-A, p. 5755 BLE76-06062

SHERMAN, RICHARD HARRIS
A FILE SYSTEM FOR CONTROL COMPUTER APPLICATION SOFTWARE. (PH.D. 1970 CASE WESTERN RESERVE UNIVERSITY) 196p.
31/07-B, p. 3981 BLE71-01747

SHERMAN, RICHARD JOSEPH
ON OUTPUT STATISTICS OF NONLINEAR DEVICES: 1) THIRD AND HIGHER ORDER INFORMATION, 2) QUADRIPHASE CARRIER RECONSTRUCTION, 3) ANALYSIS OF POINT PROCESSES. (PH.D. 1969 OREGON STATE UNIVERSITY) 85p.
30/06-B, p. 2705 BLE69-19914

SHERMAN, SEYMOUR
ANALYSIS OF THE FLOW OF A SYSTEM OF THIRD-ORDER NONLINEAR ORDINARY DIFFERENTIAL EQUATIONS (ARISING FROM A NUCLEAR SPIN GENERATOR). (PH.D. 1962 NEW YORK UNIVERSITY) 135p. 24/02, p. 760 BLE63-05330

SHERMAN, STEPHEN WARNER
TRACE-DRIVEN MODELING STUDIES OF THE PERFORMANCE OF COMPUTER SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 106p.
33/09-B, p. 4236 BLE73-07646

SHERR, DAVID MICHAEL
A FRAMEWORK OF STANDARDS FOR INFORMATION SYSTEM DESIGN AND IMPLEMENTATION. (PH.D. 1974 UNIVERSITY OF PENNSYLVANIA) 451p. 36/01-B, p. 329 BLE75-14623

SHERRY, HOWARD
LINEAR AND NONLINEAR FILTERING OF DISTRIBUTED PARAMETER SYSTEMS USING DISCRETE OBSERVATIONS. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 177p. 32/08-B, p. 4601 BLE72-08234

SHETH, PRADIP NATVERLAL
A DIGITAL COMPUTER BASED SIMULATION PROCEDURE FOR MULTIPLE DEGREE-OF-FREEDOM MECHANICAL SYSTEMS WITH GEOMETRIC CONSTRAINTS. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 548p. 33/12-B, p. 5860 BLE73-02566

SHEVOKAS, CAROLYN
USING A COMPUTER-ORIENTED MONTE CARLO APPROACH TO TEACH PROBABILITY AND STATISTICS IN A COMMUNITY COLLEGE GENERAL MATHEMATICS COURSE. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 277p. 35/11-A, p. 7089 BLE75-11672

SHICHOR, ELIAHU
COMPUTER SOLUTION OF THE EQUATIONS OF MOTION FOR A TWO SUBLATTICE ANTIFERROMAGNET. (PH.D. 1970 BROWN UNIVERSITY) 89p. 31/12-B, p. 7299 BLE71-13938

SHIEH, LEANG-SAN
AN ALGEBRAIC APPROACH TO SYSTEM IDENTIFICATION AND COMPENSATOR DESIGN. (PH.D. 1970 UNIVERSITY OF HOUSTON) 137p. 31/11-B, p. 6619 BLE71-13526

SHIELDS, ROBERT WADE
STRUCTURAL ANALYSIS IN LINEAR SYSTEMS. (PH.D. 1975 RICE UNIVERSITY) 181p. 36/04-B, p. 1861 BLE75-22064

SHIFFMAN, PAUL HARVEY
A TREND ANALYSIS OF EDUCATIONAL RESEARCH STUDIES UTILIZING THE FLANDERS 10-CATEGORY INTERACTION ANALYSIS SYSTEM. (ED.D. 1976 TEMPLE UNIVERSITY) 229p. 37/04-A, p. 2134 BLE76-22064

SHIFLET, THOMAS NEAL
ANALYSIS OF A DATA SYSTEM (RDS) FOR THE COLLECTION, STORAGE, AND RETRIEVAL OF RANGELAND RESOURCE INFORMATION. (PH.D. 1972 THE UNIVERSITY OF NEBRASKA - LINCOLN) 243p. 34/01-B, p. 18 BLE73-15393

SHIH, JOHNNY CHAU
TURBULENT DIFFUSION AND EVAPORATION IN THE LOWER ATMOSPHERE: A HYBRID COMPUTER SIMULATION STUDY. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 130p. 29/06-B, p. 2044 BLE68-16577

SHIH, YEN-PING
OPTIMAL FEEDBACK CONTROL OF TUBULAR PROCESSES. (PH.D. 1967 PURDUE UNIVERSITY) 139p. 28/11-B, p. 4564 BLE68-06369

SHIH, YING HUI
DELAY ADAPTIVE DIFFERENTIAL PULSE CODE MODULATION SYSTEM. (PH.D. 1971 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 229p. 32/03-B, p. 1580 BLE71-24349

SHILMAN, MICHAEL BERNARD
APPLICATIONS OF FUNCTIONAL ANALYSIS TO TIME OPTIMAL CONTROL OF LINEAR SYSTEMS WITH OUTPUT CONSTRAINTS. (PH.D. 1970 CITY UNIVERSITY OF NEW YORK) 194p. 31/06-B, p. 3410 BLE70-24488

SHIPKOVITZ, SAMUEL
AUTOMATED PATTERN RECOGNITION OF IRRADIATED CHROMOSOMES. (PH.D. 1973 UNIVERSITY OF PITTSBURGH) 325p. 34/10-B, p. 4915 BLE74-08699

SHIPLEY, JAMES PARISH, JR.
STATE-ESTIMATION IN DISCRETE-TIME LINEAR SYSTEMS WITH QUADRATIC-FORM OBSERVERS. (PH.D. 1973 THE UNIVERSITY OF NEW MEXICO) 150p. 34/05-B, p. 2033 BLE73-27814

SHIRAZI, GHULAM AHMED
MATHEMATICAL MODELING AND COMPUTER SIMULATION OF THE WATER-FLOW MECHANICS IN A COTTON PLANT. (PH.D. 1973 OKLAHOMA STATE UNIVERSITY) 129p. 34/10-B, p. 4782 BLE74-08121

SHIREY, DONALD LAMAR
MENSURATION IN THE REQUEST-DOCUMENT IMAGE SPACE OF AN INFORMATION RETRIEVAL SYSTEM. (PH.D. 1970 UNIVERSITY OF PITTSBURGH) 125p. 31/12-B, p. 7407 BLE71-16203

SHIRK, WILLIAM RICHARD
AN ANALYSIS OF THE COMPARATIVE EFFECTIVENESS AND EFFICIENCY OF THE DIAL ACCESS INFORMATION RETRIEVAL SYSTEM WITH THE LIVE LECTURE AND PRINTED LECTURE APPROACHES TO TEACHING SELECTED GEOLOGICAL FACTS, PROCESSES, AND PRINCIPLES AT THE COLLEGE LEVEL. (ED.D. 1971 THE PENNSYLVANIA STATE UNIVERSITY) 181p. 32/11-A, p. 6226 BLE72-13934

SHIRLEY, MICHAEL SLEET
A STUDY OF COMPREHENSIVE COMPUTER SIMULATION MODELS IN INSTITUTIONS OF HIGHER EDUCATION. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 182p. 35/07-A, p. 4208 BLE75-00431

SHIVELEY, MURLE WAYNE
THE MICRO-SCHEDULING OF COMPUTER JOBS. (PH.D. 1971 LEHIGH UNIVERSITY) 177p. 32/09-B, p. 5202 BLE72-09310

SHOENFELT, JOSEPH EVAN
TECHNIQUES FOR EFFICIENT FEATURE REPRESENTATION IN PATTERN RECOGNITION. (PH.D. 1970 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 116p. 31/10-B, p. 5987 BLE71-10316

SHOJALASHKARI, REZA
APPLICATION OF SYSTEMS ANALYSIS TO REGIONAL WATER QUALITY MANAGEMENT MODELS. (PH.D. 1974 KANSAS STATE UNIVERSITY) 234p. 35/09-B, p. 4472 BLE75-06193

SHOLAR, MERRIMAN STATON
QUADRATIC OPTIMAL CONTROL OF DISTRIBUTED PARAMETER SYSTEMS WITH STOCHASTIC INPUTS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 96p. 31/06-B, p. 3410 BLE70-24382

SHONICK, WILLIAM
AN ANALYSIS OF SOME ASPECTS OF THE STOCHASTIC BEHAVIOR OF THE DAILY CENSUS IN SHORT TERM GENERAL HOSPITALS. WITH VOLUME II: COMPUTER LISTING. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 598p. 28/12-B, p. 5233 BLE68-07486

SHOOMAN, MARTIN LAWRENCE
STABILITY ANALYSIS OF TWO-PARAMETER CONTROL SYSTEMS. (D.E.E. 1961 POLYTECHNIC INSTITUTE OF NEW YORK) 108p. 22/04, p. 1115 BLE61-03771

SHOOSTER, CHARLES N.
RISK-TAKING INDICES ON TESTS AND PREDICTION OF SALES-EXECUTIVE PERFORMANCE: A SYSTEMS ANALYSIS. (PH.D. 1972 ILLINOIS INSTITUTE OF TECHNOLOGY) 296p. 33/10-B, p. 4820 BLE73-03641

SHORT, ROBERT ALLEN
A THEORY OF RELATIONS BETWEEN SEQUENTIAL AND COMBINATIONAL REALIZATIONS OF SWITCHING FUNCTIONS. (PH.D. 1961 STANFORD UNIVERSITY) 121p. 22/02, p. 523 BLE61-01039

SHORTLE, GEORGE ELBERT, JR.
STABILITY OF A CLASS OF PULSE-FREQUENCY MODULATED CONTROL SYSTEMS. (PH.D. 1969 UNIVERSITY OF WASHINGTON) 82p. 30/06-B, p. 2705 BLE69-20273

SHORTLIFFE, EDWARD HANCE
MYCIN: A RULE-BASED COMPUTER PROGRAM FOR ADVISING PHYSICIANS REGARDING ANTIMICROBIAL THERAPY SELECTION. (PH.D. 1975 STANFORD UNIVERSITY) 411p. 36/12-B, p. 5849 BLE76-13600

SHOSHANI, ARIE
DETECTION, PREVENTION AND RECOVERY FROM DEADLOCKS IN MULTIPROCESS MULTIPLE RESOURCE SYSTEMS. (PH.D. 1969 PRINCETON UNIVERSITY) 124p. 31/08-B, p. 4630 BLE71-01629

SHOULTS, RAYMOND RONALD
APPLICATION OF A FAST LINEAR AC POWER FLOW MODEL TO CONTINGENCY SIMULATION AND OPTIMAL CONTROL OF POWER SYSTEMS. (PH.D. 1974 THE UNIVERSITY OF TEXAS AT ARLINGTON) 215p. 35/09-B, p. 4466 BLE75-06126

SHOUP, RICHARD G.
PROGRAMMABLE CELLULAR LOGIC ARRAYS. (PH.D. 1970 CARNEGIE-MELLON UNIVERSITY) 191p. 31/05-B, p. 2623 BLE70-20902

SHRADER, KRISTIN
CYBERNETICS AND MATERIALISM. (PH.D. 1972 UNIVERSITY OF NOTRE DAME) 270p. 32/11-A, p. 6495 BLE72-16272

SHRADER, RALPH WILLIAM
A LOGIC DESIGN PROCEDURE TO FACILITATE FAULT DETECTION. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 102p. 32/08-B, p. 4602 BLE72-07068

SHUB, CHARLES M.
A STABLE TIME INDEPENDENT QUEUE MODEL FOR STUDYING THE EFFECT OF OVERHEAD IN COMPUTING SYSTEMS. (PH.D. 1974 UNIVERSITY OF KANSAS) 302p. 35/09-B, p. 4419 BLE75-06253

SHUKLA, VINOD
OPTIMAL ESTIMATION IN LINEAR SYSTEMS WITH MULTIPLE TIME DELAYS. (PH.D. 1971 SOUTHERN METHODIST UNIVERSITY) 84p. 32/11-B, p. 6408 BLE72-16310

SHURAYM, GEORGE PHILIP
ANALYSIS AND DESIGN OF LINEAR CONTROL SYSTEMS WITH DELTA-MODULATION. (PH.D. 1965 NORTHWESTERN UNIVERSITY) 67p. 26/12, p. 7223 BLE66-02741

SHUSTER, ELMER GREINERT
SELECTIVE DEMAND DETERMINANTS IN THE COMPUTER ACQUISITION PROCESS. (PH.D. 1969 THE AMERICAN UNIVERSITY) 194p. 31/01-A, p. 9 BLE70-12397

SHYAM, RADHE
DETAILED TRANSIENT ANALYSIS OF IMMOBILIZED ENZYME REACTOR SYSTEMS. (PH.D. 1974 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 171p. 35/10-B, p. 4867 BLE75-08444

SHYMKO, RONALD MORRIS
NONLINEAR DIFFUSION MODELS AND SPATIAL INTERACTIONS IN BIOLOGICAL SYSTEMS. (PH.D. 1976 THE UNIVERSITY OF ROCHESTER) 187p. 37/01-B, p. 41 BLE76-14767

SIAS, FREDERICK RALPH, JR.
APPLICATION OF DIGITAL COMPUTER TECHNIQUES TO NEUROPHYSIOLOGICAL STUDIES OF THE RABBIT RETINA. (PH.D. 1970 THE UNIVERSITY OF MISSISSIPPI, MEDICAL CENTER, JACKSON) 179p. 31/06-B, p. 3680 BLE70-23818

SICKEL, SHARON RAE
EXTENSIONS AND COMPARISONS OF REFINEMENT STRATEGIES FOR THEOREM PROVING AND APPLICATIONS IN A PARALLEL ENVIRONMENT. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 147p. 34/05-B, p. 1977 BLE73-27686

SIDMAN, BERNARD
EDUCATIONAL COMPUTER TECHNOLOGY: A MANUAL/GUIDE FOR EFFECTIVE AND EFFICIENT UTILIZATION BY SCHOOL ADMINISTRATORS. (ED.D. 1975 INDIANA UNIVERSITY) 239p. 36/09-A, p. 5722 BLE76-06297

SIEGLER, RICHARD ALAN
AN EXPERIMENTAL DIALOG SYSTEM FOR COMPUTER-ASSISTED INSTRUCTION. (ENG.SC.D. 1973 COLUMBIA UNIVERSITY) 218p. 34/12-B, p. 5945 BLE74-12765

SIEGMANN, ROBERT MARTIN
OPTIMAL SIMULTANEOUS FLOW IN SINGLE PATH COMMUNICATION NETWORKS. (PH.D. 1971 GEORGIA INSTITUTE OF TECHNOLOGY) 152p. 32/02-B, p. 880 BLE71-20367

SIEMENS, NICOLAI
ANALYSIS OF SELECTED INDUSTRIAL DECISION RULES IN A DYNAMIC ENVIRONMENT BY MEANS OF COMPUTER SIMULATION. (D.B.A. 1967 UNIVERSITY OF OREGON) 197p. 29/01-A, p. 9 BLE68-10023

SIENICKI, JAMES JOSEPH
NONLINEAR METHODS IN MANY-PARTICLE QUANTUM SYSTEMS. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT CHICAGO CIRCLE) 175p. 36/08-B, p. 4054 BLE76-02287

SIEWIOREK, DANIEL PAUL
FAULT TOLERANT COMPUTERS USING SELF-DIAGNOSIS AND HYBRID REDUNDANCY. (PH.D. 1972 STANFORD UNIVERSITY) 236p. 32/12-B, p. 7048 BLE72-16792

SIGNORI, DAVID TOBIA, JR.
ESTIMATION AND ADAPTIVE DECISION-MAKING FOR PARTIALLY OBSERVABLE MARKOV SYSTEMS. (PH.D. 1968 MICHIGAN STATE UNIVERSITY) 100p. 30/01-B, p. 208 BLE69-11166

SIIROLA, JEFFREY JOHN
THE COMPUTER-AIDED SYNTHESIS OF CHEMICAL PROCESS DESIGNS. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 138p. 31/11-B, p. 6593 BLE71-02243

SIKLOSSY, LAURENT
NATURAL LANGUAGE LEARNING BY COMPUTER. (PH.D. 1968 CARNEGIE-MELLON UNIVERSITY) 116p. 29/06-B, p. 2106 BLE69-17646

SILER, KENNETH FRANCIS
A STOCHASTIC MODEL FOR THE EVALUATION OF LARGE SCALE DATA RETRIEVAL SYSTEMS: AN ANALYSIS OF DATA BASE INVERSION AND KEY TRUNCATION. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 309p. 32/11-B, p. 6346 BLE72-13650

SILGALIS, EUGENIJUS MINDAUGAS
MINI-COMPUTER CONTROL OF A LABORATORY DISTILLATION COLUMN. (PH.D. 1975 THE UNIVERSITY OF AKRON) 104p. 36/11-B, p. 5727 BLE76-09622

SILVA, WILLIBRORD TASATHER
EFFECT OF SOCIAL INTERACTION ON PROBABILITY INFORMATION PROCESSING. (PH.D. 1972 PURDUE UNIVERSITY) 133p. 33/02-A, p. 825 BLE72-21274

SILVER, HOWARD I.
A CLASS OF SIGNAL DESIGN PROBLEMS TO IMPROVE NOISE IMMUNITY OF DIGITAL COMMUNICATION SYSTEMS. (PH.D. 1968 NEW YORK UNIVERSITY) 207p. 29/09-B, p. 3323 BLE69-04578

SILVER, MILTON A.
AN EVALUATION OF THE IMPACT OF AN INTEGRATED DATA PROCESSING SYSTEM ON THE ORGANIZATION OF A MANUFACTURING COMPANY. (PH.D. 1962 COLUMBIA UNIVERSITY) 401p. 25/07, p. 3891 BLE63-01526

SILVERMAN, BERNARD
PERIODIC SOLUTIONS IN HIGHER ORDER NONLINEAR SYSTEMS. (PH.D. 1954 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 95p. 14/11, p. 2026 BLE00-08141

SILVERMAN, HARVEY FOX
IDENTIFICATION OF LINEAR SYSTEMS USING FAST FOURIER TRANSFORM TECHNIQUES. (PH.D. 1971 BROWN UNIVERSITY) 131p. 32/09-B, p. 5190 BLE72-08187

SILVERMAN, LEONARD MICHAEL
REPRESENTATION AND REALIZATION OF TIME-VARIABLE LINEAR SYSTEMS. (PH.D. 1966 COLUMBIA UNIVERSITY) 191p. 27/08-B, p. 2716 BLE67-00840

SIMAAN, MARWAN
MULTI-CONTROLLER STRATEGIES FOR SYSTEMS WITH DISCRETE ACQUIRED AND BIASED PRIOR INFORMATION. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 150p. 34/02-B, p. 674 BLE73-17416

SIMAITIS, EUGENE
THE EFFECT OF NEAR-OPTIMALITY ON CERTAIN RELAXATION ALGORITHMS FOR NONLINEAR PROGRAMS. (PH.D. 1971 SOUTHERN METHODIST UNIVERSITY) 83p. 32/12-B, p. 6973 BLE72-18110

SIMAN, MATTHEW
SOME ASPECTS OF THE DESIGN OF NONLINEAR FEEDBACK SYSTEMS. (PH.D. 1969 UNIVERSITY OF PITTSBURGH) 252p. 31/04-B, p. 1977 BLE70-16363

SIMES, JAMES GORDON
DESIGN OF MULTIVARIABLE LINEAR SYSTEMS BY MINIMIZATION OF PARAMETER INDUCED ERROR. (PH.D. 1966 THE PENNSYLVANIA STATE UNIVERSITY) 102p. 28/06-B, p. 2432 BLE67-11235

SIMMONS, DICK BEDFORD
AUTOMATIC FLOWCHARTING OF COMPUTER PROGRAMS. (PH.D. 1968 UNIVERSITY OF PENNSYLVANIA) 164p. 30/03-B, p. 1138 BLE69-15121

SIMON, ELIOT MORTON
A COMPUTER SIMULATION OF THE UNWINDING OF DNA. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, SAN DIEGO) 160p. 29/05-B, p. 1632 BLE68-15667

SIMON, HOWARD ELLIOTT
NUCLEAR MAGNETIC RELAXATION: APPLICATION TO MOLECULAR DYNAMICS IN MULTICOMPONENT SYSTEMS. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, SAN DIEGO) 131p. 36/08-B, p. 3989 BLE76-02319

SIMON, JEROME DAVID
THEORY AND APPLICATION OF MODAL CONTROL. (PH.D. 1967 CASE WESTERN RESERVE UNIVERSITY) 241p. 29/02-B, p. 578 BLE68-10184

SIMON, JOHN MAYER
COMPUTER CONTROL OF THE AMMONIA PROCESS: A SIMULATION STUDY OF AN AMMONIA QUENCH CONVERTER IN BOTH THE STEADY AND TRANSIENT MODES. (PH.D. 1968 RICE UNIVERSITY) 168p. 29/05-B, p. 1654 BLE68-15662

SIMPSON, KENNETH OWEN
A COMPUTER STUDY OF ACCIDENTAL IGNITION OF ENCASED HIGH EXPLOSIVE CHARGES BY GAS COMPRESSION MECHANISMS. (PH.D. 1974 THE UNIVERSITY OF ARIZONA) 240p. 35/06-B, p. 2729 BLE74-28319

SIMPSON, THOMAS RUSSEL, JR.
DETERMINATION OF THE STRUCTURE OF OXIMES, NICOTINE, AND RELATED COMPOUNDS BY USE OF PHYSICO-CHEMICAL METHODS, INCLUDING A COMPUTER PROGRAM FOR DIPOLE MOMENT CALCULATIONS. (PH.D. 1964 UNIVERSITY OF CALIFORNIA, SAN FRANCISCO) 162p. 26/10, p. 5738 BLE66-00488

SIMS, HENRY PAUL, JR.
A COMPUTER SIMULATION EXPERIMENT WITH SELECTED COMMUNICATION AND INDIVIDUAL BEHAVIORAL VARIABLES IN THE BUSINESS FIRM. (PH.D. 1971 MICHIGAN STATE UNIVERSITY) 202p. 32/12-A, p. 6614 BLE72-16513

SIMS, JAMES BAXTER
A HYBRID-COMPUTER-AIDED STUDY OF PARAMETER ESTIMATION IN THE SYSTEMIC CIRCULATION SYSTEM. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 161p.
31/02-B, p. 647 BLE70-11656

SIMS, ROBERT ALAN
TIME DOMAIN IDENTIFICATION OF THE ZEROS OF LINEAR SYSTEMS. (PH.D. 1968 THE UNIVERSITY OF OKLAHOMA) 161p. 29/08-B, p. 2862 BLE69-02208

SIMUNDICH, THOMAS MATTHEW
SYSTEM CHARACTERIZATION: A PATTERN RECOGNITION APPROACH. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 221p.
36/10-B, p. 5145 BLE76-09014

SINCLAIR, JAMES DOUGLAS
THE SYNTHESIS AND CHARACTERIZATION OF CYCLOPENTADIENYL METAL CLUSTER COMPLEXES: A SPECIFIC INVESTIGATION IN THE SOLID-STATE OF THE STEREOCHEMICAL IMPLICATIONS ASSOCIATED WITH THE OXIDATION OF VALENCE-ELECTRONS FROM ELECTRONICALLY-SATURATED SYSTEMS AND A DETAILED ANALYSIS INTO THE DYNAMIC ASPECTS OF HIGHLY-STRAINED MOLECULES IN SOLUTION. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 197p.
33/10-B, p. 4716 BLE72-33874

SINDT, ROGER PAUL
AN ECONOMIC ANALYSIS OF POTENTIAL AGRICULTURAL ADJUSTMENTS IN REEVES COUNTY, TEXAS: A MATHEMATICAL PROGRAMMING APPROACH WITH BOTH MICRO AND MACRO MODELS. (PH.D. 1972 TEXAS A&M UNIVERSITY) 175p. 33/08-A, p. 3013 BLE73-03569

SINGER, ROBERT ALLAN
THE DESIGN AND SYNTHESIS OF LINEAR MULTIVARIABLE SYSTEMS WITH APPLICATION TO STATE ESTIMATION. (PH.D. 1968 STANFORD UNIVERSITY) 230p. 29/07-B, p. 2444 BLE69-00294

SINGH, CHANAN
RELIABILITY MODELLING AND EVALUATION IN ELECTRIC POWER SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF SASKATCHEWAN (CANADA)) 282p.
33/10-B, p. 4811 BLE73-08134

SINGH, CHANCHAL
MATHEMATICAL PROGRAMMING IN BANACH SPACES. (PH.D. 1972 THE FLORIDA STATE UNIVERSITY) 86p. 33/10-B, p. 4933 BLE73-09387

SINGH, RAJINDER PAL
GENERALIZED DIAKOPTICS AND MATHEMATICAL PROGRAMMING. (PH.D. 1975 UNIVERSITY OF CINCINNATI) 167p. 36/08-B, p. 4100 BLE76-02347

SINGH, RAJINDER PAUL
COMPUTER SIMULATION OF LIQUID FOOD QUALITY DURING STORAGE. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 122p. 36/01-B, p. 336 BLE75-14826

SINGH, RAM
AN INTERACTIVE DYNAMIC PROGRAMMING SYSTEM FOR ALLOCATION OF EDUCATIONAL RESOURCES. (PH.D. 1973 THE FLORIDA STATE UNIVERSITY) 129p.
34/06-A, p. 2993 BLE73-31562

SINGH, SAHJENDRA N.
DECOUPLING IN LINEAR AND NONLINEAR SYSTEMS BY STATE-VARIABLE FEEDBACK. (PH.D. 1972 THE JOHNS HOPKINS UNIVERSITY) 109p.
33/04-B, p. 1585 BLE72-24996

SINGH, YOGENDRA
APPLICATION OF THE PLASMA DISPLAY TECHNIQUE TO ASSOCIATIVE MEMORY SYSTEMS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 121p. 33/10-B, p. 4811 BLE73-10066

SINGLA, OM PRAKASH
ANALOG SUBROUTINES FOR THE FINITE-ELEMENT METHOD. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 198p.
33/10-B, p. 4763 BLE73-10479

SINHA, LAKSHMAN PRASAD
SYSTEMS OPTIMIZATION AND IDENTIFICATION VIA MATHEMATICAL PROGRAMMING. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 136p.
32/05-B, p. 2720 BLE71-26086

SINNOTT, JOSEPH FRANCIS, JR.
AN ITERATIVE PROCEDURE FOR THE SOLUTION OF CONSTRAINED OPTIMAL CONTROL PROBLEMS. (PH.D. 1969 STANFORD UNIVERSITY) 136p.
30/04-B, p. 1694 BLE69-17452

SIPES, GERALD EUGENE
STRUCTURE AND STABILITY CONSTANTS OF BORON, CALCIUM, AND MAGNESIUM GLUCONATE CHELATES FROM OPTICAL ROTATION AND COMPUTER ANALYSIS. (PH.D. 1969 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 160p.
30/03-B, p. 1012 BLE69-15392

SIPPEL, DAVID LESTER
MINIMUM-MASS DESIGN OF STRUCTURAL ELEMENTS AND MULTI-ELEMENT SYSTEMS WITH SPECIFIED NATURAL FREQUENCIES. (PH.D 1970 UNIVERSITY OF MINNESOTA) 153p. 32/01-B, p. 346 BLE71-18816

SISWOSUDARMO, MUHAMMADI
CANONICAL OBSERVERS IN LINEAR CONTROL SYSTEMS. (PH.D. 1969 POLYTECHNIC INSTITUTE OF NEW YORK) 125p. 30/05-B, p. 2123 BLE69-17801

SITES, RICHARD LEE
PROVING THAT COMPUTER PROGRAMS TERMINATE CLEANLY. (PH.D. 1974 STANFORD UNIVERSITY) 145p. 35/06-B, p. 2705 BLE74-27116

SIVAN, RAPHAEL
OPTIMAL CONTROL OF SYSTEMS WITH STOCHASTIC DISTURBANCES. (PH.D. 1964 UNIVERSITY OF CALIFORNIA, BERKELEY) 76p.
26/06, p. 3211 BLE64-09089

SIY, PEPE
FUZZY-LOGIC FOR HANDWRITTEN CHARACTER RECOGNITION. (PH.D. 1973 THE UNIVERSITY OF AKRON) 176p. 34/04-B, p. 1525 BLE73-23679

SJOERDSMA, THEODORE JOHN
AN INTERACTIVE PSUEDO-ASSEMBLER AND ITS USE IN A BASIC COMPUTER SCIENCE COURSE. (PH.D. 1975 THE UNIVERSITY OF IOWA) 156p
36/12-B, p. 6272 BLE76-02181

SKALBECK, BRUCE ALLEN
THE DESIGN AND IMPLEMENTATION OF THE AUTOMATED PHASE OF A REGIONAL INFORMATION SYSTEM FOR NORTHERN COLORADO. (PH.D. 1975 UNIVERSITY OF NORTHERN COLORADO) 118p.
36/06-A, p. 3167 BLE75-23336

SKARNULIS, ANTHONY JEROME
A COMPUTER PROGRAM SYSTEM FOR THE STUDY OF MATERIALS USING NEUTRON-BEAM DYNAMICAL IMAGE CALCULATIONS. (PH.D. 1976 ARIZONA STATE UNIVERSITY) 282p. 36/12-B, p. 6198 BLE76-13200

SKELTON, JOHN EDWARD
EVALUATION OF THE EFFECT OF TIME-SHARING AND BATCH PROCESSING ON STUDENT ACHIEVEMENT AND ATTITUDE IN A BEGINNING COMPUTER SCIENCE COURSE. (PH.D. 1971 UNIVERSITY OF DENVER) 446p. 32/05-A, p. 2445 BLE71-27244

SKIKO, EDWARD JOHN
OPTIMUM SAMPLING AND CONTROL PROCEDURES FOR A MULTIPLEXED DIGITAL COMPUTER. (PH.D. 1964 STANFORD UNIVERSITY) 91p.
25/07, p. 4052 BLE64-13640

SKLAR, BERNARD
A COMPUTER CLASSIFICATION OF NORMAL AND DYSLEXIC CHILDREN USING SPECTRAL ESTIMATES OF THEIR ELECTROENCEPHALOGRAMS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 170p.
32/10-B, p. 5760 BLE72-11898

SKOLNICK, ALFRED
STABILITY AND PERFORMANCE OF MANNED CONTROL SYSTEMS: A THEORY FOR MEETING THE STABILITY AND PERFORMANCE REQUIREMENTS OF CERTAIN MAN-MACHINE SYSTEMS. (PH.D. 1965 POLYTECHNIC INSTITUTE OF NEW YORK) 233p.
26/05, p. 2616 BLE65-10567

SKOUSEN, KARL M.
ADAPTABILITY OF ELECTRONIC PROCEDURES TO BANK DATA PROCESSING. (PH.D. 1962 MICHIGAN STATE UNIVERSITY) 363p.
23/11, p. 4151 BLE63-01758

SKOVRON, MARK ALLEN
THE MINI-MULT: ITS REEVALUATION AND IMPROVEMENT AS RELATED TO A PROFILE ANALYSIS CLASSIFICATION SYSTEM. (PH.D. 1973 UTAH STATE UNIVERSITY) 88p.
34/04-B, p. 1761 BLE73-19281

SLACK, TOMMY LARY
A MATHEMATICAL SYSTEMS ANALYSIS OF GLUCOSE TRANSPORT PHENOMENA IN THE HUMAN BRAIN. (PH.D. 1972 LOUISIANA TECH UNIVERSITY) 185p. 33/09-B, p. 4260 BLE73-07814

SLAUGHTER, JOHN BROOKS
THE SOLUTION OF A CLASS OF OPTIMAL CONTROL PROBLEMS BY LINEAR AND PIECEWISE LINEAR PROGRAMMING TECHNIQUES. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, SAN DIEGO) 292p.
32/09-B, p. 5222 BLE72-09839

SLIVINSKY, CHARLES ROBERT
THE DESIGN OF LINEAR MULTIVARIABLE CONTROL SYSTEMS USING MODERN CONTROL THEORY. (PH.D. 1969 THE UNIVERSITY OF ARIZONA) 188p.
30/01-B, p. 209 BLE69-12321

SLOAN, STEPHEN MICHAEL
COMPUTER CHARACTERIZATION AND CLASSIFICATION OF HUMAN CHROMOSOMES. (PH.D. 1972 THE UNIV. OF TEXAS H.S.C. AT HOUSTON GRAD. SCH. OF BIOMED. SCI.) 170p.
34/03-B, p. 1164 BLE73-12066

SLOCUM, ANTHONY H.
COMPUTER ANALYSIS AND DESIGN OF BUILDING FRAMES. (D.E. 1970 DARTMOUTH COLLEGE) 507p.
31/12-B, p. 7282 BLE71-13826

SLOTNICK, HENRY BARRY
AN EXAMINATION OF THE COMPUTER GRADING OF ESSAYS. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 192p.
32/08-A, p. 4431 BLE72-07066

SMALL, HAZEL CHRISTINE
EFFECTIVENESS OF REINFORCEMENT SCHEDULES IN RELATION TO CERTAIN ADULT CHARACTERISTICS USING COMPUTER ASSISTED INSTRUCTION. (ED.D. 1970 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 191p. 31/10-A, p. 5282 BLE71-10300

SMART, CHARLES WILLARD
A COMPUTER-ASSISTED TECHNIQUE FOR PLANNING MINIMUM IMPACT TRANSMISSION RIGHT OF WAY ROUTES. (PH.D. 1976 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 207p.
37/05-B, p. 1995 BLE76-24342

SMATHERS, JOHN EDWARD
DISTRIBUTED LOGIC MEMORY COMPUTER FOR PROCESS CONTROL. (PH.D. 1969 OREGON STATE UNIVERSITY) 121p. 29/11-B, p. 4181 BLE69-08064

SMAY, JOHN WILLIAM
SYNTHESIS OF OSCILLATING ADAPTIVE FEEDBACK SYSTEMS. (PH.D. 1973 UNIVERSITY OF COLORADO AT BOULDER) 241p.
34/04-B, p. 1564 BLE73-23297

SMITH, ALAN JAY
PERFORMANCE ANALYSIS OF COMPUTER SYSTEMS COMPONENTS. (PH.D. 1974 STANFORD UNIVERSITY) 323p. 35/09-B, p. 4419 BLE75-06929

SMITH, ALFRED ERVIN
SURVEY OF DATA-PROCESSING INSTRUCTION IN SELECTED SECONDARY PUBLIC SCHOOLS OF THE UNITED STATES. (ED.D. 1974 THE UNIVERSITY OF NEBRASKA - LINCOLN) 301p.
35/08-B, p. 3871 BLE75-03457

SMITH, ARTHUR TIMOTHY
CHARLES BUTLER'S "THE PRINCIPLES OF MUSIC IN SINGING AND SETTING, WITH THE TWOFOLD USE THEREOF, ECCLESIASTICAL AND CIVIL" (1636): A COMPUTER-ASSISTED TRANSLITERATION OF BOOK I AND THE FIRST CHAPTER OF BOOK II, WITH INTRODUCTION, SUPPLEMENTARY NOTES, COMMENTARY, AND APPENDICES. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 558p.
35/08-A, p. 5453 BLE75-03196

SMITH, BENJAMIN LINCOLN, JR.
DESIGN AND DEVELOPMENT OF ESTUARINE MONITORING BUOY SYSTEM FOR PREDICTION MODEL INVESTIGATION. (VOLUMES I AND II). (PH.D. 1973 UNIVERSITY OF RHODE ISLAND) 442p.
34/05-B, p. 2042 BLE73-27025

SMITH, BRUCE ANDREW
ONE POSSIBLE APPROACH TO PRICING AT A UNIVERSITY COMPUTER CENTER: PRELIMINARY RESULTS. (PH.D. 1974 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 100p.
35/07-A, p. 4006 BLE74-29693

SMITH, CAROL LYNN
A FORMAL ANALYSIS OF NAME ACCESSING IN PROGRAMMING LANGUAGES. (PH.D. 1975 IOWA STATE UNIVERSITY) 172p.
36/07-B, p. 3477 BLE76-01872

SMITH, CHARLES PHILIP
COORDINATION AND CONTROL OF COMPUTER TECHNOLOGY IN STATE GOVERNMENT: CONSTRAINTS AND STRATEGIES. (D.P.A. 1970 UNIVERSITY OF SOUTHERN CALIFORNIA) 249p.
32/02-A, p. 1060 BLE71-21498

SMITH, CHRISTOPHER KROPP
DIGITAL COMPUTER SIMULATION OF COMPLEX HYDRAULIC SYSTEMS USING MULTIPORT COMPONENT MODELS. (PH.D. 1975 OKLAHOMA STATE UNIVERSITY) 88p.
36/11-B, p. 5738 BLE76-09776

SMITH, CRAIG GARY
SOME COMPUTER EXPERIMENTS WITH A ONE-DIMENSIONAL PLASMA MODEL. (PH.D. 1963 PRINCETON UNIVERSITY) 177p.
24/07, p. 2952 BLE64-01342

SMITH, DAVID CANFIELD
PYGMALION: A CREATIVE PROGRAMMING ENVIRONMENT. (PH.D. 1975 STANFORD UNIVERSITY) 243p. 36/05-B, p. 2357 BLE75-25608

SMITH, DOUGLAS DUANE
A STUDY OF LEARNER CHARACTERISTICS AND COMPUTER ASSISTED INSTRUCTION DECISION MAKING. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 127p. 32/11-A, p. 6018 BLE72-15297

SMITH, DOUGLAS K.
A DYNAMIC COMPONENT SUPPRESSION FOR THE ACCELERATION OF VECTOR SEQUENCES. (PH.D. 1969 PURDUE UNIVERSITY) 140p.
30/11-B, p. 5010 BLE70-08974

SMITH, FRED WESLEY
CONTACTOR CONTROL BY ADAPTIVE PATTERN-RECOGNITION TECHNIQUES. (PH.D. 1964 STANFORD UNIVERSITY) 100p. 25/07, p. 4053 BLE64-13642

SMITH, GEORGE WALLACE, JR.
IDENTIFICATION OF THE DYNAMICS OF LINEAR SYSTEMS THROUGH THE USE OF GENERALIZED SPECTRAL COEFFICIENTS. (PH.D. 1963 PRINCETON UNIVERSITY) 312p. 24/11, p. 4608 BLE64-02711

SMITH, HARRY LINCOLN
RADIOISOTOPE MAXIMUM PERMISSIBLE CONCENTRATION CALCULATIONS EMPLOYING AN IBM 360/65 COMPUTER. (PH.D 1970 TEXAS A&M UNIVERSITY) 419p. 31/03-B, p. 1317 BLE70-16761

SMITH, IAN DAVID
THE EFFECTS OF COMPUTER-ASSISTED INSTRUCTION ON STUDENT SELF-CONCEPT, LOCUS OF CONTROL, AND LEVEL OF ASPIRATION. (PH.D. 1971 STANFORD UNIVERSITY) 88p. 32/08-A, p. 4432 BLE72-05998

SMITH, JACK REGINALD
ON THE THEORY OF OPTIMAL LINEAR CONTROL SYSTEMS. (PH.D. 1964 UNIVERSITY OF SOUTHERN CALIFORNIA) 60p. 25/03, p. 1821 BLE64-09313

SMITH, JOHN BRISTOW
A COMPUTER ASSISTED ANALYSIS OF IMAGERY IN JOYCE'S 'A PORTRAIT OF THE ARTIST.'. (PH.D. 1970 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 276p. 31/11-A, p. 6072 BLE71-11761

SMITH, JR., HARRY VAUGHAN
AN INVESTIGATION OF THE APPLICATION OF COMPUTER-ASSISTED INSTRUCTION AND INFORMATION RETRIEVAL SYSTEM TO ACADEMIC ADVISING IN A JUNIOR COLLEGE. (PH.D. 1968 THE FLORIDA STATE UNIVERSITY) 116p.
30/04-A, p. 1383 BLE69-15396

SMITH, KELVIN CURTIS
A STUDY IN SUBOPTIMAL DISCRETE STOCHASTIC CONTROL SYSTEMS. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 95p.
34/06-B, p. 2667 BLE73-28981

SMITH, LANGFORD WHEATON, JR.
AN APPROACH TO COSTING JOINT PRODUCTION BASED ON MATHEMATICAL PROGRAMMING WITH AN EXAMPLE FROM PETROLEUM REFINING. (PH.D. 1962 STANFORD UNIVERSITY) 192p.
23/04, p. 1220 BLE62-05516

SMITH, LEROY ALLAN
A COMPUTER MODEL OF LEARNING SEMANTICS OF LANGUAGE WITH A TEACHER. (PH.D. 1972 UNIVERSITY OF WASHINGTON) 131p.
33/05-B, p. 2025 BLE72-28669

SMITH, NANCY WOODLAND
A QUESTION-ANSWERING SYSTEM FOR ELEMENTARY MATHEMATICS. (PH.D. 1974 STANFORD UNIVERSITY) 158p.
35/03-B, p. 1232 BLE74-20236

SMITH, NEWELL A., JR.
THE DYNAMIC RESPONSE OF ELECTRICAL TRANSMISSION POLES TO HURRICANE WINDS. (PH.D. 1972 TULANE UNIVERSITY) 205p.
34/11-B, p. 5485 BLE74-10696

SMITH, NORVAL PETER
TIME OPTIMAL CONTROL FOR A CLASS OF COMMON RANDOM DISTURBANCES. (PH.D. 1968 PURDUE UNIVERSITY) 55p. 29/03-B, p. 976 BLE68-12021

SMITH, ORAL EUGENE
AN EXAMINATION OF DECISION-MAKING BEHAVIORS OF CHILDREN AGES THREE TO FIVE USING THE CODE SYSTEM–A RECIPROCAL INTERACTION ANALYSIS SYSTEM INSTRUMENT. (PH.D. 1975 UNIVERSITY OF MARYLAND) 165p
36/10-A, p. 6539 BLE76-08439

SMITH, PALMER WOODROW
A METHODOLOGY FOR DEVELOPING AND ANALYZING THE OPTIMAL RESPONSE OF AN ECONOMIC CRITERION TO SIMULTANEOUSLY INDUCED MULTIPLE EVENTS USING INPUT-OUTPUT, MATHEMATICAL PROGRAMMING, AND RESPONSE SURFACE METHODOLOGIES. (PH.D. 1975 THE UNIVERSITY OF ALABAMA) 165p.
36/12-B, p. 6347 BLE76-13941

SMITH, PATRICK LAWRENCE
ESTIMATION OF THE COVARIANCE PARAMETERS IN TIME-DISCRETE LINEAR SYSTEMS WITH APPLICATIONS TO ADAPTIVE FILTERING. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 90p.
32/07-B, p. 3950 BLE72-02910

SMITH, PAUL D.
AN APPROACH TO THE ANALYSIS AND DESIGN OF DISTRIBUTED-PARAMETER CONTROL SYSTEMS. (PH.D. 1967 UNIVERSITY OF DENVER) 193p.
28/06-B, p. 2433 BLE67-16606

SMITH, RICHARD DOWLEN
A CONCEPTUAL MODEL OF MANAGERIAL TRAINING IN THE PLANNING - PROGRAMMING - BUDGETING SYSTEM OF THE FEDERAL GOVERNMENT AND AN EVALUATION OF CURRENT TRAINING EFFORTS. (D.B.A. 1972 THE UNIVERSITY OF OKLAHOMA) 674p. 35/09-A, p. 5623 BLE75-06557

SMITH, ROBERT BRUCE
THE EFFECTS OF COMPUTER-ASSISTED FEEDBACK ON STUDENTS' PERFORMANCE IN A TELEVISED COLLEGE COURSE. (PH.D. 1976 UNITED STATES INTERNATIONAL UNIVERSITY) 96p. 36/08-A, p. 5163 BLE76-02516

SMITH, ROBIN CLARK
AN EXAMINATION OF MAJOR FACTORS AFFECTING SUCCESS IN THE DEVELOPMENT OF ADMINISTRATIVE COMPUTER APPLICATIONS IN LARGE PUBLIC SCHOOL DISTRICTS. (D.B.A. 1972 THE GEORGE WASHINGTON UNIVERSITY) 198p. 33/11-B, p. 5375 BLE73-03863

SMITH, ROGER ALLAN PAUL
AN EXPLORATORY STUDY OF COGNITIVE LEARNING STYLE COMPONENTS FOR ACHIEVEMENT USING COMPUTER SIMULATION GAMES. (PH.D. 1974 IOWA STATE UNIVERSITY) 310p. 35/08-A, p. 5077 BLE75-03334

SMITH, ROULETTE WILLIAM
MODELING INSTRUCTION USING COMPUTER GENERATED DIALOGUE. (PH.D. 1973 STANFORD UNIVERSITY) 323p. 34/06-A, p. 3160 BLE73-30478

SMITH, STANLEY LOUIS
MODEL AND IDENTIFICATION THEORY FOR DISCRETE SYSTEMS. (PH.D. 1966 THE UNIVERSITY OF FLORIDA) 134p. 27/09-B, p. 3109 BLE67-03510

SMITH, STEPHEN WILLIAM
INFORMATION PROCESSING FOR IMPROVED ACOUSTIC IMAGING THROUGH ABERRATING MEDIA. (PH.D. 1975 DUKE UNIVERSITY) 131p. 36/10-B, p. 5156 BLE76-08781

SMITH, THOMAS EUGENE
ON-LINE COMPUTER TERMINAL PERFORMANCE ON SCIENCE RELATED TASKS OF CONCEPT-ATTAINMENT. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 123p. 34/01-A, p. 187 BLE73-02131

SMITH, WALTON EDWARD
AN INTERACTIVE, GENERAL PURPOSE PATTERN RECOGNITION SYSTEM FOR USE IN BIOMEDICAL IMAGE PROCESSING. (SC.D. 1972 THE GEORGE WASHINGTON UNIVERSITY) 167p. 33/01-B, p. 150 BLE72-18544

SMITH, WAYLAND PATRICK
MANUFACTURING SYSTEM SYNTHESIS UTILIZING A DIGITAL COMPUTER. (PH.D. 1960 CASE WESTERN RESERVE UNIVERSITY) 101p. 21/08, p. 2232 BLE60-05584

SMITH, WILLIAM HENRY
STUDIES ON THE APPLICATION OF MODERN FEEDBACK CONTROL THEORY TO SELECTED SOCIO-ECONOMIC SYSTEMS. (PH.D. 1972 ARIZONA STATE UNIVERSITY) 594p. 32/11-B, p. 6413 BLE72-15612

SMITH, WILLIAM ROUSE
ASSOCIATIVE MEMORY TECHNIQUES FOR LARGE DATA PROCESSORS. (PH.D. 1963 IOWA STATE UNIVERSITY) 94p. 24/04, p. 1541 BLE63-07275

SMITH, WINTHROP WHITMAN, JR.
A STRUCTURE THEORY FOR A CLASS OF NONLINEAR SYSTEMS. (PH.D. 1973 THE JOHNS HOPKINS UNIVERSITY) 100p. 34/11-B, p. 5472 BLE74-10449

SMITH III, ALVY RAY
CELLULAR AUTOMATA THEORY. (PH.D. 1970 STANFORD UNIVERSITY) 122p. 31/04-B, p. 1895 BLE70-18477

SMOAK, ROBERT ALLEN
ON THE CONTROLLABILITY OF A CERTAIN CLASS OF LINEAR SYSTEMS. (SC.D. 1966 UNIVERSITY OF VIRGINIA) 41p. 27/08-B, p. 2723 BLE66-15210

SMYTH, RICHARD KELLY
PHASE AND AMPLITUDE DITHER SELF-ADAPTIVE CONTROL SYSTEMS. (PH.D. 1963 UNIVERSITY OF SOUTHERN CALIFORNIA) 324p. 24/09, p. 3687 BLE64-02006

SNEERINGER, CHERYL CHILDS
MODELS OF MEMORY MANAGEMENT TECHNIQUES FOR TIME-SHARING SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 157p. 36/06-B, p. 2921 BLE75-29076

SNEERINGER, WILLIAM JAMES, IV
A DYNAMIC-TYPE PROGRAMMING LANGUAGE THAT ALLOWS TYPE CONTROL. (PH.D. 1975 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 157p. 36/06-B, p. 2921 BLE75-29077

SNIDER, RICHARD DEAN
CHEMOTAXONOMY AND NUMERICAL ANALYSIS OF THE GENUS TAPHRINA. (PH.D. 1973 KANSAS STATE UNIVERSITY) 75p. 34/09-B, p. 4223 BLE74-06642

SNOW, WILLIAM ALBERT
THE DESIGN AND SIMULATED APPLICATION OF AN EDUCATIONAL SYSTEMS MODEL FOR A LARGE, MULTI-FACETED ORGANIZATION. (PH.D. 1972 THE CATHOLIC UNIVERSITY OF AMERICA) 390p. 33/02-A, p. 667 BLE72-22593

SNOWBALL, DOUGLAS ALEXANDER THOMAS
ACCOUNTING AND HUMAN INFORMATION PROCESSING SYSTEMS. (PH.D. 1975 UNIVERSITY OF WASHINGTON) 429p. 37/02-A, p. 1090 BLE76-17631

SNYDER, JAMES CLARE
MANAGEMENT MODELS OF MATHEMATICAL PROGRAMMING. (PH.D. 1962 PURDUE UNIVERSITY) 206p. 23/02, p. 475 BLE62-03469

SNYDER, MARTIN BRADFORD
OPTIMAL CONTROL ROD PROGRAMMING IN BOILING-WATER REACTORS. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 173p. 33/10-B, p. 4831 BLE73-10288

SNYDER, MAURICE FRANCIS
A STUDY OF THE HUMAN VENOUS SYSTEM USING HYBRID COMPUTER MODELING. (PH.D. 1969 THE UNIVERSITY OF WISCONSIN - MADISON) 147p. 31/01-B, p. 177 BLE69-22483

SOARES, LUIZ FLEURY WANDERLEY
THE CONTROL OF CONGESTED SYSTEMS SUBJECT TO PERIODIC DEMAND. (PH.D. 1975 STANFORD UNIVERSITY) 107p. 36/05-B, p. 2436 BLE75-25610

SOBOTKIN, FRED MILES
CONTROLLER DESIGN FOR MODELING PROBLEMS WITH APPLICATIONS TO A CLASS OF PHYSIOLOGICAL SYSTEMS. (PH.D. 1973 CITY UNIVERSITY OF NEW YORK) 213p. 34/04-B, p. 1525 BLE73-22746

SOBRAL, MANOEL, JR.
LINEAR CONTROL LAWS FOR SINGULAR LINEAR SYSTEMS. (PH.D. 1964 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 39p. 25/02, p. 1108 BLE64-08438

SOHONI, VINAY SHRIDHAR
DESCRIBING FUNCTION ANALYSIS OF CONTROL SYSTEMS CONTAINING MULTIPLE NONLINEARITIES. (PH.D. 1967 THE UNIVERSITY OF ALABAMA) 94p. 28/01-B, p. 186 BLE67-08465

SOKOL, MALCOLM IRA
NON-INTERACTING CONTROL OF UNSTABLE SYSTEMS. (PH.D. 1973 PRINCETON UNIVERSITY) 236p. 34/04-B, p. 1497 BLE73-23220

SOKOLOV, VLADIMIR
A COMPUTER AND EXPERIMENTAL STUDY OF THE IMPATT DIODE WITH APPLICATION TO ITS NOISE PROPERTIES. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 121p. 35/01-B, p. 243 BLE74-10270

SOLOMON, LANNY MICHAEL
COMPUTER-ASSISTED INSTRUCTION IN UNDERGRADUATE ACCOUNTING EDUCATION. (PH.D. 1974 CASE WESTERN RESERVE UNIVERSITY) 222p. 35/01-A, p. 5 BLE74-16528

SOLDSKO, ROBERT BRUCE
PATTERN RECOGNITION APPLIED TO THE COMPUTER DIAGNOSIS OF CEREBROVASCULAR INSUFFICIENCY USING CLINICAL EEG'S. (PH.D. 1970 THE PENNSYLVANIA STATE UNIVERSITY) 212p. 32/01-B, p. 231 BLE71-16675

SOLTIS, FRANK GERALD
AUTOMATIC ALLOCATION OF DIGITAL COMPUTER STORAGE RESOURCES FOR TIME-SHARING. (PH.D. 1968 IOWA STATE UNIVERSITY) 93p. 29/12-B, p. 4660 BLE69-09696

SOMA, JOHN TRYGVE
THE U.S. COMPUTER INDUSTRY: AN ECONOMIC-LEGAL ANALYSIS OF ITS MAJOR GROWTH FACTORS. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 395p. 37/01-A, p. 477 BLE76-16198

SONDIK, EDWARD JAY
THE OPTIMAL CONTROL OF PARTIALLY OBSERVABLE MARKOV PROCESSES. (PH.D. 1971 STANFORD UNIVERSITY) 220p. 32/08-B, p. 4603 BLE72-06000

SONNENBURG, CLAUDIO ROLAND
A CONFIGURABLE PARALLEL COMPUTING SYSTEM. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 267p. 35/11-B, p. 5382 BLE75-10298

SOOD, AJAY KUMAT
POWER SYSTEM PROTECTION WITH DIGITAL COMPUTERS. (PH.D. 1975 WASHINGTON STATE UNIVERSITY) 292p. 36/07-B, p. 3526 BLE76-00329

SOOD, ARUN KUMAR
MINIMAL ORDER DYNAMIC SENSITIVITY MODELS OF LINEAR SYSTEMS WITH APPLICATIONS. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 224p. 32/07-B, p. 3951 BLE72-04256

SOOD, JAMES HOWARD
A STUDY OF THE INTERNATIONAL COMPUTER INDUSTRY AND A PROJECTION OF THE EFFECT OF THE AMERICAN COMPUTER INDUSTRY ON THE UNITED STATES BALANCE OF PAYMENTS FROM 1969 TO 1975. (D.B.A. 1971 THE GEORGE WASHINGTON UNIVERSITY) 186p. 32/08-A, p. 4212 BLE72-07606

SOPHIANOPOULOS, JUDITH ANN SYMON
A QUANTITATIVE STUDY OF THE COMPLEXES FORMED BETWEEN THE METHYLAMINES AND VARIOUS METAL CATIONS: HIGH SPEED CALCULATION OF STABILITY CONSTANTS BY MEANS OF THE DIGITAL COMPUTER. (PH.D. 1960 PURDUE UNIVERSITY) 179p. 21/07, p. 1754 BLE60-06132

SORENSEN, FRANCIS WILLIAM
A COST ANALYSIS OF SELECTED PUBLIC SCHOOL SPECIAL EDUCATION SYSTEMS IN ILLINOIS. (ED.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 287p. 34/02-A, p. 642 BLE73-17644

SORENSON, HAROLD WAYNE
A NONLINEAR PERTURBATION THEORY FOR ESTIMATION AND CONTROL OF TIME-DISCRETE STOCHASTIC SYSTEMS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 241p. 27/08-B, p. 2717 BLE67-00463

SORIANO, ABRAHAM
ON THE PROBLEM OF BATCH ARRIVALS AND ITS APPLICATION TO A SCHEDULING SYSTEM. (D.ENG. 1962 THE JOHNS HOPKINS UNIVERSITY) 126p. 23/03, p. 1032 BLE62-03926

SORZANO, JOSE S.
THE CONCEPTUAL REQUIREMENTS OF SYSTEMS ANALYSIS; AN EXAMINATION OF ADAM SMITH, TALCOTT PARSONS AND DAVID EASTON. (PH.D. 1972 GEORGETOWN UNIVERSITY) 404p. 33/11-A, p. 6422 BLE73-11606

SOTIRIOU, CONSTANTINE EVANGELOS
MATHEMATICAL PROGRAMMING, CAPITAL BUDGETING, AND UTILITY THEORY. (D.B.A. 1971 UNIVERSITY OF COLORADO AT BOULDER) 182p. 32/07-A, p. 3500 BLE72-03706

SOYLEMEZ, ERES
LOGICAL FUNCTIONAL DESIGN AND OPTIMIZATION OF MECHANISMS AND MECHANICAL SYSTEMS. (ENG.SC.D. 1974 COLUMBIA UNIVERSITY) 512p. 36/02-B, p. 867 BLE75-16140

SOYLEMEZ, MUSTAFA I. EKREM SEZER
COMPUTER GENERATED FORTRAN PROGRAMS TO PREPARE MATERIAL AND ENERGY BALANCES FOR PROCESS UNITS. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 287p. 32/07-B, p. 3920 BLE71-26090

SPAANS, DARYL DAVID
A STUDY OF THE USES AND EFFECTS OF ELECTRONIC DIGITAL COMPUTERS IN COLLEGES AND UNIVERSITIES. (RESEARCH STUDY NO. 1). (ED.D. 1964 UNIVERSITY OF NORTHERN COLORADO) 135p. 25/01, p. 253 BLE64-06528

SPAIN, DAVID STEVENSON, JR.
IDENTIFICATION AND MODELLING OF DISCRETE, STOCHASTIC LINEAR SYSTEMS. (PH.D. 1971 STANFORD UNIVERSITY) 121p. 32/10-B, p. 5806 BLE72-11669

SPALDING, GEORGE REDFIELD
A GREEN'S FUNCTION APPROACH TO THE IDENTIFICATION OF LINEAR DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1974 LEHIGH UNIVERSITY) 71p. 35/0[illegible] p. 3947 BLE75-04740

SPANIOL, ROLAND DEAN
AN ANALYSIS OF THE PREPARATION AND FUNCTIONS OF BUSINESS ELECTRONIC DATA PROCESSING SYSTEMS ANALYSIS WITH IMPLICATIONS FOR COLLEGIATE BUSINESS DATA PROCESSING CURRICULA. (PH.D. 1967 THE UNIVERSITY OF IOWA) 306p. 28/08-A, p. 2835 BLE68-02118

SPARE, JOHN H., JR.
A MULTILEVEL APPROACH TO ECONOMIC DISPATCH WITH SECURITY CONSTRAINTS FOR INTERCONNECTED POWER SYSTEMS. (PH.D. 1975 UNIVERSITY OF PENNSYLVANIA) 147p. 36/05-B, p. 2436 BLE75-24132

SPARKS, GLENN MARSHALL
STATE ESTIMATION IN CONTINUOUS NONLINEAR SYSTEMS WITH DISCRETE OBSERVATIONS. (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 140p. 31/06-B, p. 3412 BLE70-25736

SPARLING, WILLIAM EDWARD
DATA-PROCESSING SERVICE ORGANIZATIONS: A REVIEW OF THEIR HISTORY AND AN ANALYSIS OF THEIR USE. (PH.D. 1961 THE UNIVERSITY OF IOWA) 279p. 22/08, p. 2620 BLE61-06614

SPARR, TED MARTIN
THE DESIGN OF A COMPUTER-CONTROLLED AUTOMATIC DATA ACQUISITION AND HANDLING SYSTEM FOR WATER QUALITY MANAGEMENT APPLICATIONS. (PH.D. 1972 TEXAS A&M UNIVERSITY) 248p. 33/08-B, p. 3599 BLE73-03570

SPAULDING, WILLIAM ELLSWORTH
AN EXPLORATORY STUDY OF COMMUNICATION CONCERNING DATA PROCESSING IN TWENTY-ONE MIDWESTERN BANKS. (PH.D. 1971 PURDUE UNIVERSITY) 312p. 32/06-A, p. 2852 BLE72-01958

SPECE, PAUL STEPHEN
THE IMPACT OF COMPUTERS ON FEDERAL INCOME TAXATION. (PH.D. 1969 MICHIGAN STATE UNIVERSITY) 409p. 30/12-A, p. 5110 BLE70-09640

SPECHT, DONALD FRANCIS
GENERATION OF POLYNOMIAL DISCRIMINANT FUNCTIONS FOR PATTERN RECOGNITION. (PH.D. 1966 STANFORD UNIVERSITY) 142p. 28/12-B, p. 5024 BLE68-14723

SPECKER, STEVEN ROBERT
APPLICATIONS OF OPTIMAL CONTROL THEORY TO SPACE-TIME REACTOR KINETICS. (PH.D. 1970 IOWA STATE UNIVERSITY) 96p. 31/09-B, p. 5398 BLE71-07332

SPEER, DAVID LEE
AN INFORMATION THEORETIC ANALYSIS OF THE ORDINATION OF OBJECTS IN TWO DIMENSIONS BY EIGHTH-GRADE CHILDREN IDENTIFIED AS BEING AT EITHER THE CONCRETE OR FORMAL LEVEL OF MENTAL MATURATION. (PH.D. 1976 UNIVERSITY OF PITTSBURGH) 250p. 37/03-A, p. 1475 BLE76-19933

SPENCE, HUGH FRANCIS
IDENTIFICATION OF LINEAR SYSTEMS WITH DELAY VIA A LEARNING MODEL. (PH.D. 1971 UNIVERSITY OF MISSOURI - ROLLA) 59p. 32/12-B, p. 7049 BLE72-18206

SPENCER, DONALD JAMES
IDENTIFICATION OF DISCRETE STATE SYSTEMS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 114p. 31/07-B, p. 3982 BLE71-00706

SPENCER, GORDON HALL
A COMPUTER ORIENTED AUTOMATIC LENS CORRECTION PROCEDURE. (PH.D. 1963 THE UNIVERSITY OF ROCHESTER) 129p. 25/02, p. 1268 BLE63-07782

SPERLING, CURREN GUY
SYMBOLIC COMPRESSING TRANSFORMATIONS FOR COMPUTER SOLUTION OF PARTIALLY-SYMMETRIC MULTIVARIATE POLYNOMIAL-EQUATION SYSTEMS. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 172p. 32/08-B, p. 4537 BLE72-06336

SPIESS, JAMES RONALD
FIRST-FLIGHT COLLISION PROBABILITIES FOR NON-UNIFORM CARTESIAN SYSTEMS. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 196p. 34/02-B, p. 603 BLE73-18327

SPINETI, JOHN P.
COMPUTER SIMULATION STUDY OF TAILORED TESTING STRATEGIES FOR OBJECTIVE-BASED INSTRUCTIONAL PROGRAMS. (ED.D. 1974 UNIVERSITY OF MASSACHUSETTS) 84p. 35/01-A, p. 178 BLE74-15042

SPIRN, JEFFREY ROBERT
PROGRAM LOCALITY AND DYNAMIC MEMORY MANAGEMENT. (PH.D. 1973 PRINCETON UNIVERSITY) 378p. 34/08-B, p. 3749 BLE74-02362

SPIRO, HERBERT TSVI
OPTIMAL ORGANIZATION OF THE MILITARY HARDWARE INDUSTRY. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 145p. 33/07-A, p. 3123 BLE72-33969

SPRADLEY, TERRY P.
DEVELOPMENT AND APPLICATION OF A VOCATIONAL-TECHNICAL PROFESSIONAL PERSONNEL INFORMATION SYSTEM. (ED.D. 1972 OKLAHOMA STATE UNIVERSITY) 105p. 33/12-B, p. 5945 BLE73-15247

SPRAGUE, CHARLES ROBERT
INVESTIGATION OF HOT-MIX ASPHALTIC CONCRETE DISTRIBUTION SYSTEMS BY MEANS OF COMPUTER SIMULATION. (PH.D. 1972 TEXAS A&M UNIVERSITY) 214p. 33/08-B, p. 3640 BLE73-03571

SPRAGUE, CLYDE HOWARD
THE USE OF PIECEWISE CONTINUOUS EXPANSIONS OF FUNCTIONS IN THE IDENTIFICATION OF NONLINEAR DYNAMIC SYSTEMS. (PH.D. 1968 PURDUE UNIVERSITY) 147p. 29/03-B, p. 1025 BLE68-12623

SPRAGUE, RALPH HERBERT, JR.
A COMPARATIVE STUDY OF COMPUTER ORIENTED SYSTEMS FOR SELECTIVELY DISSEMINATING INFORMATION. (D.B.A. 1964 INDIANA UNIVERSITY, GRADUATE SCHOOL OF BUSINESS) 204p. 25/10, p. 5615 BLE65-02033

SPRAWLS, PERRY, JR.
THE DEVELOPMENT AND ANALYSIS OF A COMPUTER METHOD FOR THE INTERPRETATION OF RADIOISOTOPE DISTRIBUTION PATTERNS. (PH.D. 1968 CLEMSON UNIVERSITY) 107p. 30/02-B, p. 819 BLE69-12862

SPRINGER, ALLEN LEWIS
A MACRO-ORIENTED PROGRAMMING LANGUAGE EXTENSION FACILITY. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 301p.
35/07-B, p. 3281 BLE74-25332

SPRINGER, DONALD MOORE
COST ANALYSIS, SYSTEMS DESIGN, AND AUTOMATION OF EARLY EDUCATION PROGRAMS. (PH.D. 1974 COLORADO STATE UNIVERSITY) 179p.
36/01-A, p. 9 BLE75-14678

SPRUELL, CLYDE EDGAR
AN ANALYSIS OF SELECTED CHARACTERISTICS OF THE INDIVIDUAL AND HIS INFORMATION PROCESSING BEHAVIOR. (PH.D. 1974 THE UNIVERSITY OF OKLAHOMA) 202p.
35/09-A, p. 5823 BLE75-06658

SPUCK, WILLIAM HENRY, III
FUEL OPTIMUM STOCHASTIC ATTITUDE CONTROL. (PH.D. 1968 UNIVERSITY OF SOUTHERN CALIFORNIA) 238p. 29/06-B, p. 2044 BLE68-17044

SQUIRES, WILLIAM T., JR.
TOWARDS A CRITICAL ANALYSIS OF AUTOMATED SCULPTURAL SYSTEMS. (PH.D. 1972 THE FLORIDA STATE UNIVERSITY) 86p.
33/08-A, p. 4278 BLE73-04210

SRIDHAR, BANAVAR
POLE-PLACEMENT AND ZERO-PLACEMENT IN MULTIVARIABLE CONTROL SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF CONNECTICUT) 101p.
34/04-B, p. 1525 BLE73-24430

SRIDHAR, SESHADRI
NONLINEAR RESONANCES IN SYSTEMS HAVING MANY DEGREES OF FREEDOM. (PH.D. 1975 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 153p. 36/05-B, p. 2346 BLE75-23719

SRIDHARAN, NATESA SASTRI
AN APPLICATION OF ARTIFICIAL INTELLIGENCE TO ORGANIC CHEMICAL SYNTHESIS. (PH.D. 1971 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 258p.
32/09-B, p. 5142 BLE72-09946

SRIKANTAN, SIVA SUBRAMANIAM
QUASI-LINEARIZATION FOR TRANSIENT STUDY OF NONLINEAR FEEDBACK CONTROL SYSTEMS. (PH.D. 1964 UNIVERSITY OF PENNSYLVANIA) 120p.
26/01-B, p. 187 BLE65-01393

SRINATH, MANDYAM DHATI
OPTIMUM DESIGN AND SENSITIVITY OF DISCRETE-DATA LINEAR AND NONLINEAR SYSTEMS. (PH.D. 1962 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 107p. 23/02, p. 580 BLE62-02975

SRINIVAS, KALBURGI MUNSAMISA
A COMPUTER SIMULATION MODEL OF NEWCOMB'S CONSISTENCY THEORY: A CASE IN THEORY DEVELOPMENT. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 289p.
31/04-A, p. 1890 BLE70-19697

SRINIVASAN, RAMASWAMY
ANOMALOUS BEHAVIOR OF TRANSISTOR - TRANSISTOR LOGIC CIRCUITS WITH TOTEM-POLE OUTPUT. (D.SC. 1974 WASHINGTON UNIVERSITY) 215p. 36/01-B, p. 383 BLE75-14937

SRIRAM, KAUSHIK P.
TIME OPTIMAL CONTROL OF LINEAR DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1967 RICE UNIVERSITY) 64p. 28/05-B, p. 2041 BLE67-13126

SRIVASTAVA, SUSHANTA
APPLICATIONS OF INFINITESIMAL TRANSFORMATIONS FOR STUDY OF STABILITY AND LIMIT CYCLES OF NON-LINEAR SYSTEMS. (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 106p.
31/10-B, p. 5988 BLE71-07961

SRODAWA, RONALD JOSEPH
A SYSTEM PROGRAMMING LANGUAGE FOR A VARIETY OF HARDWARE-SOFTWARE SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF MICHIGAN) 489p.
33/09-B, p. 4371 BLE73-06922

STAATS, PRESTON WILLIAM, JR.
ROBUST CONTROL OF LINEAR SYSTEMS. (PH.D. 1974 RICE UNIVERSITY) 111p.
35/04-B, p. 1672 BLE74-21339

STABLER, GEORGE MERRITT
A SYSTEM FOR INTERCONNECTED PROCESSING. (PH.D. 1975 BROWN UNIVERSITY) 189p.
37/01-B, p. 339 BLE76-15719

STACKHOUSE, THOMAS WILLIAM
A COMMUNICATION ANALYSIS OF THE ART OF BEING STUPID: A FAMILY SYSTEMS AND COMMUNICATION APPROACH TO THE STUDY OF FAMILIES WITH CHILDREN HAVING READING PROBLEMS. (PH.D. 1973 UNIVERSITY OF GEORGIA) 87p. 34/07-A, p. 3890 BLE73-31971

STAHL, ALAN LEE
EIGENVALUES AND OPTIMAL LINEAR FEEDBACK SYSTEMS. (PH.D. 1974 THE UNIVERSITY OF IOWA) 165p. 35/07-B, p. 3333 BLE75-01267

STAHLEY, WILLIAM
STABILITY STUDY OF A NONLINEAR SAMPLED-DATA CONTROL SYSTEM. (PH.D. 1964 OKLAHOMA STATE UNIVERSITY) 78p. 26/03, p. 1559 BLE65-08778

STALFORD, HAROLD LENN
SUFFICIENCY CONDITIONS IN OPTIMAL CONTROL AND DIFFERENTIAL GAMES. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, BERKELEY) 114p.
31/10-B, p. 6144 BLE71-09929

STALKER, KENNETH T.
THE USE OF NONLINEAR ABSORBERS IN COHERENT OPTICAL DATA-PROCESSING. (PH.D. 1974 CARNEGIE-MELLON UNIVERSITY) 215p.
35/06-B, p. 2759 BLE74-26663

STAMETS, LEIGH ELROY
NONLINEAR PARAMETER ESTIMATION AND SENSITIVITY ANALYSIS FOR CHEMICAL PROCESS SYSTEMS. (PH.D. 1969 KANSAS STATE UNIVERSITY) 223p. 30/06-B, p. 2670 BLE69-21143

STAMMER, RICHARD WILLIAM
A MATHEMATICAL PROGRAMMING MODEL FOR DETERMINING THE OPTIMUM SPATIAL ORGANIZATION OF A MULTI-PLANT INDUSTRY: WITH AN EMPIRICAL APPLICATION TO THE NEW ENGLAND LIVESTOCK FEED PROCESSING INDUSTRY. (PH.D. 1971 THE UNIVERSITY OF CONNECTICUT) 281p.
32/05-A, p. 2275 BLE71-29910

STANAT, DONALD FORD
NONSUPERVISED PATTERN RECOGNITION THROUGH THE DECOMPOSITION OF PROBABILITY FUNCTIONS. (PH.D. 1966 THE UNIVERSITY OF MICHIGAN) 80p.
27/07-B, p. 2452 BLE66-14600

STANCIN, JOHN PHILIP, JR.
SIMPLIFIED ESTIMATION OF THE STATE OF A DISCRETE DYNAMIC SYSTEM. (PH.D. 1973 UNIVERSITY OF DELAWARE) 138p.
34/03-B, p. 1128 BLE73-20069

STANFORD, GEORGE HENRY
RELATIONSHIPS BETWEEN EXPECTANCY AND PERFORMANCE ON A COMPUTER-ASSISTED INSTRUCTIONAL TASK. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 107p.
32/10-A, p. 5622 BLE72-11423

STANKARD, MARTIN FRANCIS, JR.
OPTIMAL STUDENT SCHEDULING FOR COMPUTER ASSISTED INSTRUCTION. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 242p.
30/06-B, p. 2953 BLE69-21433

STANLEY, KENNETH WAYNE
AN ANALYSIS OF POLICY MODELS IN TERMS OF IMPACT VARIABLES AFFECTING THE RICHMOND, VIRGINIA, SCHOOL SYSTEM. (ED.D. 1976 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 468p. 37/04-A, p. 1929 BLE76-23240

STANZIONE, DANIEL CHARLES
INSTRUCTIONAL SOFTWARE IN A MULTI-MEDIA CLASSROOM ENVIRONMENT. (PH.D. 1972 CLEMSON UNIVERSITY) 132p. 34/02-B, p. 675 BLE73-19288

STARR, GEORGE DAVISS, SR.
A SYSTEMS ANALYSIS AND EVALUATION OF PROGRAM OFFERINGS BY CONTINUING EDUCATION ENTERPRISES IN AN INDUSTRIAL URBAN COMMUNITY OF THE UNITED STATES. (A POLICY STUDY). (PH.D. 1973 THE UNIVERSITY OF MICHIGAN) 287p. 34/04-A, p. 1572 BLE73-24690

STARR, JAMES LEE
COMPUTATION OF OPTIMAL CONTROL: SOLUTION OF THE MULTIPOINT BOUNDARY VALUE PROBLEM. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 171p. 29/06-B, p. 2045 BLE68-16615

STARR, PATRICK JOSEPH
DYNAMIC MECHANISM SYNTHESIS VIA OPTIMAL CONTROL. (PH.D. 1970 UNIVERSITY OF MINNESOTA) 204p. 31/07-B, p. 4080 BLE70-27190

STARZEC, JAMES JOHN
A DEVELOPMENTAL STUDY OF INFORMATION PROCESSING IN A STIMULUS CLASSIFICATION TASK. (PH.D. 1974 NORTHERN ILLINOIS UNIVERSITY) 147p.
35/12-B, p. 6145 BLE75-13161

STASULAT, JOE JOHN
THE EFFECTS OF BUSINESS GAME COMPLEXITY AND COMPUTER LOCATION ON STUDENT LEARNING, OCCUPATIONAL INTEREST, AND ATTITUDE. (PH.D. 1970 THE PENNSYLVANIA STATE UNIVERSITY) 197p. 31/09-A, p. 4535 BLE71-06364

STATZ, JOYCE ANN
THE DEVELOPMENT OF COMPUTER PROGRAMMING CONCEPTS AND PROBLEM-SOLVING ABILITIES AMONG TEN-YEAR-OLDS LEARNING LOGO. (PH.D. 1973 SYRACUSE UNIVERSITY) 253p.
34/11-B, p. 5418 BLE74-10190

STAVROULAKIS, PETER
STATE-CONSTRAINTS AND STATE-SENSITIVITY MINIMIZATION OF OPTIMAL DISTRIBUTED-PARAMETER CONTROL SYSTEMS. (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 248p. 34/06-B, p. 2627 BLE73-28869

STEAD, BETTE ANN
A COMPUTER APPROACH TO UNIVERSITY CURRICULUM DESIGN FOR ADMINISTRATIVE MANAGEMENT. (ED.D. 1967 UNIVERSITY OF HOUSTON) 238p. 28/12-A, p. 4834 BLE68-07869

STEARNS, SAMUEL D.
A THEORY OF SELF-EVALUATING DISCRETE COMMUNICATION SYSTEMS. (SC.D. 1962 THE UNIVERSITY OF NEW MEXICO) 186p.
23/06, p. 2843 BLE62-05899

STEBER, GEORGE R.
OPTIMAL CONTROL OF LINEAR SYSTEMS WITH TIME DELAY. (PH.D. 1969 MARQUETTE UNIVERSITY) 117p.
31/08-B, p. 4699 BLE71-05315

STEELE, STUART ANDREW
ANALYSIS OF STEP RESPONSE ERROR FOR A CLASS OF NONLINEAR CONTROL SYSTEMS. (PH.D. 1965 THE PENNSYLVANIA STATE UNIVERSITY) 147p.
26/04, p. 2111 BLE65-09828

STEEN, ROBERT FREDERICK
ON THE USE OF A COMMUNICATION PROCESSOR FOR ERROR DETECTION WITH A CYCLIC CODE AND ERROR CORRECTION WITH BINARY BCH (BOSE - CHADHURI - HOCQUENGHEM) AND FIRE CODES. (PH.D. 1972 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 168p.
33/03-B, p. 1122 BLE72-24104

STEFANIK, MICHAEL JOHN
MODEL REFERENCE PARAMETER ADAPTIVE-CONTROL OF NONSTATIONARY DIFFERENTIAL SYSTEMS. (PH.D. 1973 OHIO UNIVERSITY) 215p.
34/12-B, p. 6002 BLE74-13146

STEFANSKI, ANDRZEJ
A NEW MAXIMUM LIKELIHOOD METHOD OF LINEAR SYSTEM IDENTIFICATION. (PH.D. 1970 UNIVERSITY OF PENNSYLVANIA) 99p.
31/10-B, p. 5989 BLE71-07963

STEFANU, CONSTANTINE
A PROGRAM MANAGEMENT INFORMATION SYSTEM MODEL FOR THE COMBINED BASIC MEDICAL SCIENCE TEACHING PROGRAM OF UNDERGRADUATE MEDICAL EDUCATION. (PH.D. 1972 THE UNIVERSITY OF ALABAMA) 190p.
33/06-A, p. 2673 BLE72-33132

STEFFENSEN, ROBERT GLEN
A COMPUTER PROGRAM FOR MANAGING STUDENT PERFORMANCE INFORMATION. (PH.D. 1969 UNIVERSITY OF UTAH) 178p.
30/05-B, p. 2278 BLE69-19000

STEFFENSEN, ROGER J.
A FORTRAN IV PROGRAM FOR THERMOCHEMICAL CALCULATIONS INVOLVING THE ELEMENTS ALUMINUM, BORON, BERYLLIUM, CARBON, FLUORINE, HYDROGEN, LITHIUM, MAGNESIUM, NITROGEN, AND OXYGEN AND THEIR COMPOUNDS. (PH.D. 1966 PURDUE UNIVERSITY) 162p.
27/02-B, p. 495 BLE66-07492

STEIN, BARRY ALLEN
ANALYSES ON THE OPTIMAL STOCHASTIC NAVIGATION AND CONTROL OF SHIPS AT SEA. (PH.D. 1970 DUKE UNIVERSITY) 239p.
31/10-B, p. 5989 BLE71-11020

STEINBERG, ABRAHAM MEIR
MINIMUM SENSITIVITY OPTIMAL CONTROL FOR NONLINEAR SYSTEMS. (PH.D. 1967 PURDUE UNIVERSITY) 72p. 28/11-B, p. 4586 BLE68-06364

STELLHORN, WILLIAM HOWARD
A SPECIALIZED COMPUTER FOR INFORMATION RETRIEVAL. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 115p.
35/11-B, p. 5383 BLE75-11634

STELLMAN, STEVEN D.
COMPUTER SIMULATION OF POLYMER CONFORMATION AND CONFORMATIONAL THERMODYNAMICS. (PH.D. 1971 NEW YORK UNIVERSITY) 218p. 32/10-B, p. 5724 BLE72-13406

STENG, WILLIAM ROBERT, JR.
A SURVEY OF INSTRUCTION IN NEWSROOM COMPUTER TECHNOLOGY IN NEWS-EDITORIAL COURSE SEQUENCES IN DEPARTMENTS, SCHOOLS AND COLLEGES OF JOURNALISM. (ED.D. 1975 OKLAHOMA STATE UNIVERSITY) 242p.
36/11-A, p. 7172 BLE76-09780

STENSTROM, MICHAEL KNUDSON
A DYNAMIC MODEL AND COMPUTER COMPATIBLE CONTROL STRATEGIES FOR WASTEWATER TREATMENT PLANTS. (PH.D. 1976 CLEMSON UNIVERSITY) 324p. 37/04-B, p. 1880 BLE76-23043

STEPHENS, CAROLYN ANDERSON
DEVELOPING AND FIELD-TESTING A CONTENT AREA READING PROFICIENCY MODULAR-BASED INSERVICE PROGRAM. (ED.D. 1973 UNIVERSITY OF GEORGIA) 153p. 34/08-A, p. 4973 BLE74-04686

STEPHENS, KENT GORDON
A FAULT TREE APPROACH TO ANALYSIS OF EDUCATIONAL SYSTEMS AS DEMONSTRATED IN VOCATIONAL EDUCATION. (PH.D. 1972 UNIVERSITY OF WASHINGTON) 273p.
33/05-A, p. 2054 BLE72-28672

STEPHENSON, MICHAEL BYRON
A CONTINUOUS TONE COMPUTER GRAPHIC DISPLAY SYSTEM FOR THREE DIMENSIONAL SOLID FINITE ELEMENT MODELS. (PH.D. 1976 BRIGHAM YOUNG UNIVERSITY) 150p. 37/02-B, p. 897 BLE76-18352

STERLING, WARREN MARTIN
AN OPTICAL/DIGITAL PROCESSOR FOR DATA AND IMAGERY. (PH.D. 1974 CARNEGIE-MELLON UNIVERSITY) 207p. 35/03-B, p. 1282 BLE74-19316

STERNBERG, LESLIE
AN ANALYSIS OF ACHIEVEMENT CHARACTERISTICS OF HIGH AND LOW PERFORMERS IN PRESCHOOL, KINDERGARTEN AND FIRST-GRADE CLASSES ON PATTERN RECOGNITION TASKS. (PH.D. 1974 THE UNIVERSITY OF CONNECTICUT) 169p.
34/09-A, p. 5761 BLE74-07133

STERNHEIM, ELIEZER
BLOCKING GATE ADDED LOGIC FOR ENHANCING TESTABILITY IN LARGE-SCALE INTEGRATED CIRCUITS. (PH.D. 1975 CARNEGIE-MELLON UNIVERSITY) 167p. 36/09-B, p. 4633 BLE76-04730

STEVENS, JAMES EDWARD, JR.
FAST HEURISTIC TECHNIQUES FOR PLACING AND WIRING PRINTED CIRCUIT BOARDS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 126p. 34/02-B, p. 629 BLE73-17438

STEVENS, LEE ALEXANDER
A COMPUTER SIMULATION MODEL OF AN ACCOUNTING CHARGEBACK SYSTEM FOR COMMUNITY COLLEGES. (ED.D. 1972 OREGON STATE UNIVERSITY) 112p. 33/01-A, p. 127 BLE72-18870

STEVENS, NORMAN DENNISON
A COMPARATIVE STUDY OF THREE SYSTEMS OF INFORMATION RETRIEVAL. (PH.D. 1961 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 143p. 22/05, p. 1636 BLE61-04217

STEVENS, RICHARD KENNETH
DESIGN OF A SWITCHED BROADBAND CABLE SYSTEM FOR NEW COMMUNITIES. (D.ENG. 1973 RENSSELAER POLYTECHNIC INSTITUTE) 193p.
33/12-B, p. 5836 BLE73-14215

STEVENS, WILLIAM LEONARD
AN AUTOMATED METHOD FOR THE EDITING, CONSTRUCTION AND GRAPHICAL DISPLAY OF ACTIVITY NETWORKS. (PH.D. 1971 TEXAS A&M UNIVERSITY) 143p. 32/10-B, p. 5737 BLE72-13281

STEVENS, WILLIAM YEATON
A STUDY OF DECISION OPERATIONS IN DIGITAL COMPUTERS. (PH.D. 1958 CORNELL UNIVERSITY) 206p. 19/10, p. 2554 BLE59-00696

STEVENSON, BENJAMIN HAYNES, JR.
ON THE USE OF A MODIFIED PROMPT-JUMP APPROXIMATION IN THE NUMERICAL SOLUTION OF THE SPACE-TIME MULTIGROUP DIFFUSION EQUATIONS. (PH.D. 1971 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 142p.
32/05-B, p. 2757 BLE71-29695

STEVENSON, THEODORE EUGENE
A HYBRID COMPUTER STUDY OF THE PROBABILISTIC PURSUIT-EVASION PROBLEM. (PH.D. 1969 THE PENNSYLVANIA STATE UNIVERSITY) 183p.
31/04-B, p. 1980 BLE70-19475

STEVENSON, WILLIAM
THE DEVELOPMENT OF A MODEL FOR AN ELECTRONIC DATA PROCESSING SYSTEM FOR SELECTED ADMINISTRATIVE AREAS IN TWO-YEAR PUBLICLY SUPPORTED COMMUNITY COLLEGES. (ED.D. 1972 TEMPLE UNIVERSITY) 238p.
33/01-A, p. 127 BLE72-20219

STEWARD, DONALD VANDERVEER
THE ANALYSIS OF THE STRUCTURE OF SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 370p. 34/10-B, p. 4916 BLE73-32148

STEWART, GILBERT WRIGHT, III
SOME TOPICS IN NUMERICAL ANALYSIS. (PH.D. 1968 THE UNIVERSITY OF TENNESSEE) 77p.
29/11-B, p. 4284 BLE69-07184

STEWART, JAMES FRANKLIN
DEVELOPMENT AND APPLICATION OF OPTIMAL CONTROL TECHNIQUES FOR A SOCIO-ECONOMIC SYSTEM. (PH.D. 1974 UNIVERSITY OF LOUISVILLE) 175p. 35/08-B, p. 3918 BLE74-23138

STEWART, LAWRENCE GORDEN
THE FEASIBILITY OF A CONCEPT FOR THE DEVELOPMENT OF COMPUTER-ASSISTED INSTRUCTION FOR THE AIR FORCE RESERVE. (PH.D. 1971 THE CATHOLIC UNIVERSITY OF AMERICA) 195p. 32/01-A, p. 105 BLE71-17869

STEWART, WILLIAM JAMES
THE COMPUTER AS A TEACHING AID FOR ACADEMICALLY DISADVANTAGED STUDENTS STUDYING FRESHMAN CALCULUS. (PH.D. 1975 INDIANA UNIVERSITY) 343p.
36/02-B, p. 763 BLE75-17042

STEWART, WILLIAM JAMES
TEACHER DECISION-MAKING AND ITS RELATIONSHIP TO THE SEX CHARACTERISTIC OF LEARNERS IN THE SELECTION OF INDIVIDUAL INSTRUCTIONAL ACTIVITIES FOR A COMPUTER-BASED RESOURCE UNIT–A DESCRIPTIVE STUDY. (ED.D. 1972 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 164p.
33/03-A, p. 962 BLE72-23859

STICK, HENRY HULL
THE RELATION OF ELECTRONIC COMPUTERS TO ORGANIZATION STRUCTURE. (PH.D. 1957 THE OHIO STATE UNIVERSITY) 246p.
17/10, p. 2182 BLE00-22824

STIDHAM, SHALER, JR.
STATIC DECISION MODELS FOR QUEUEING SYSTEMS WITH NONLINEAR WAITING COSTS. (PH.D. 1968 STANFORD UNIVERSITY) 212p.
29/11-B, p. 4188 BLE69-08276

STIEMAN, PAUL ANTHONY
SKILLS PERFORMED BY EDUCATIONAL RESEARCHERS IN UTILIZING THE COMPUTER AS A RESEARCH TOOL. (PH.D. 1973 UNIVERSITY OF PITTSBURGH) 159p.
34/08-A, p. 4583 BLE74-01547

STILES, GERALD WILLIAM
AN INFORMATION PROCESSING MODEL OF INDUSTRIAL BUYER BEHAVIOR. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 193p.
33/07-A, p. 3093 BLE73-01065

STILLMAN, NEIL JACK
A FEASIBILITY STUDY OF THE APPLICABILITY OF A HARDWARE ASSOCIATIVE MEMORY TO COMPUTER GRAPHICS. (PH.D. 1972 SYRACUSE UNIVERSITY) 164p. 33/09-B, p. 4372 BLE73-07778

STILLMAN, RONA BARBARA
COMPUTATIONAL LOGIC: THE SUBSUMPTION AND UNIFICATION COMPUTATIONS. (PH.D. 1972 SYRACUSE UNIVERSITY) 105p.
33/01-B, p. 151 BLE72-20370

STILO, DONALD LEONARD
A GRAMMAR OF VAFSI-TATI: AN APPLICATION OF A TRANSFORMATIONAL COMPUTER MODEL. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 232p.
32/07-A, p. 3982 BLE72-04986

STINY, GEORGE NICHOLAS
PICTORIAL AND FORMAL ASPECTS OF SHAPE AND SHAPE GRAMMARS AND AESTHETIC SYSTEMS. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 417p. 36/06-B, p. 2921 BLE75-26993

STIRTZ, RONALD HAMMITT
DEMONSTRATING COMPUTER CAPABILITIES IN COUNSELING. (PH.D. 1972 UNIVERSITY OF OREGON) 101p. 33/12-A, p. 6676 BLE73-13770

ST. LOUIS, ROBERT DENNIS, JR.
MATHEMATICAL PROGRAMMING AND DECENTRALIZATION. (PH.D. 1972 PURDUE UNIVERSITY) 148p. 33/06-A, p. 2600 BLE72-30984

STOCKDALE, WILLIAM KENNETH
USE OF RESPONSE SPECTRA IN THE DYNAMIC ANALYSIS OF SYSTEMS WITH TWO DEGREES OF FREEDOM. (PH.D. 1959 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 101p.
20/08, p. 3240 BLE60-00239

STODDARD, SPOTSWOOD DOUGLAS, JR.
NUMERICAL EXPERIMENTS AND THEORETICAL ANALYSIS ON THE SOURCES OF IRREVERSIBILITY IN MECHANICAL SYSTEMS. (PH.D. 1973 GEORGIA INSTITUTE OF TECHNOLOGY) 115p.
34/04-B, p. 1673 BLE73-22946

STOFFEL, JAMES CHARLES
ON DISCRETE VARIABLES IN PATTERN RECOGNITION. (PH.D. 1972 SYRACUSE UNIVERSITY) 138p. 33/10-B, p. 4813 BLE73-09566

STOFFLET, FREDERICK PETER
A QUANTITATIVE MODEL OF EVALUATION FOR USE IN A PLANNING - PROGRAMMING - BUDGETING SYSTEM. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 115p.
35/03-A, p. 1408 BLE74-16229

STOJKIEWICZ, LOUIS WALTER
TRAINING FOR PROBLEM-SOLVING SKILLS UTILIZING A COMPUTER-ASSISTED INSTRUCTIONAL METHOD. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, BERKELEY) 469p. 29/04-B, p. 1498 BLE68-13963

STOLLER, RICHARD LEE
SEQUENTIAL FILTERING AND SMOOTHING IN NONLINEAR AND/OR DELAY TIME SYSTEMS. (PH.D. 1971 PURDUE UNIVERSITY) 187p.
32/06-B, p. 3368 BLE72-01963

STOLTZ, ROBERT A.
DYNAMIC STABILITY OF LINEAR AND NONLINEAR STOCHASTIC SYSTEMS. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 322p.
32/08-B, p. 4581 BLE72-06239

STONE, CHARLES EDWARD
INVESTMENT ANALYSIS OF PUBLIC TEACHER RETIREMENT SYSTEMS WITH EMPHASIS ON INVESTMENT POLICIES AND PRACTICES. (PH.D. 1971 UNIVERSITY OF KENTUCKY) 269p.
32/09-A, p. 4816 BLE72-09418

STONE, CHARLES WILLIAM
ECONOMICALLY OPTIMAL DESIGN OF PARTICULATE AIR POLLUTANT CONTROL EQUIPMENT. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 145p. 34/12-B, p. 6008 BLE74-12199

STONE, FREDERICK CARSON
THE STABILITY AND CONTROL OF AN ADIABATIC LOOP REACTOR. (PH.D. 1970 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 199p.
31/12-B, p. 7268 BLE71-14962

STONE, JOHN DANLEY
A COMPUTER-ASSISTED CORRELATIONAL ANALYSIS OF THE LANGUAGE OF SELF-CONCEPT. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 151p.
35/01-A, p. 615 BLE74-16088

STONEBRAKER, MICHAEL RALPH
THE REDUCTION OF LARGE SCALE MARKOV MODELS FOR RANDOM CHAINS. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 221p.
32/03-B, p. 1501 BLE71-23886

STORRY, JUNIS OLIVER
DIGITAL ANALYSIS OF POWER SYSTEMS USING HYBRID PARAMETERS. (PH.D. 1967 IOWA STATE UNIVERSITY) 105p. 28/09-B, p. 3714 BLE68-02865

STOTT, LARRY WHICKER
A CONCEPTUAL MODEL OF COMPUTER SUPPORTED INSTRUCTIONAL SYSTEMS FOR THEORY AND PRACTICE. (PH.D. 1974 UNIVERSITY OF UTAH) 199p.
35/04-A, p. 2127 BLE74-20878

STOUT, THOMAS MELVILLE
A STEP-BY-STEP METHOD FOR THE TRANSIENT ANALYSIS OF NONLINEAR FEEDBACK SYSTEMS. (PH.D. 1954 THE UNIVERSITY OF MICHIGAN) 230p.
14/08, p. 1190 BLE00-08419

STOVER, DONALD RAE
APPLICATION OF SEQUENTIAL SWITCHING THEORY TO DIGITAL COMPUTER CONTROL. (PH.D. 1968 THE UNIVERSITY OF IOWA) 96p.
29/01-B, p. 189 BLE68-10696

STOWELL, BRUCE HUDSON
THE ACCOMMODATION OF HUMAN CHARACTERISTICS IN PROGRAMMING LANGUAGE DESIGN. (PH.D. 1975 UNIVERSITY OF UTAH) 213p.
36/11-B, p. 5686 BLE76-10347

STRADER, NOEL ROSS, II
HYBRID SIMULATION AND ANALYSIS OF A DYNAMIC POSITIONING SYSTEM. (PH.D. 1971 UNIVERSITY OF HOUSTON) 117p. 32/08-B, p. 4605 BLE72-05796

STRAIT, WILLIAM ROBERT
A FORMAL MODEL OF TRANSLATION WITH SYMBOL TABLE POINTERS. (PH.D. 1975 RENSSELAER POLYTECHNIC INSTITUTE) 153p.
36/05-B, p. 2358 BLE75-25869

STRANE, ROBERT ELBERT
STABILIZATION OF A CLASS OF NONLINEAR SYSTEMS USING A LINEAR SYSTEM ESTIMATOR. (PH.D. 1969 UNIVERSITY OF PITTSBURGH) 138p.
30/11-B, p. 5054 BLE70-07882

STRATBUCKER, ROBERT ALLEN
COMPUTER ANALYSIS OF THE VENTRICULAR GRADIENT OF ISOLATED AND PERFUSED MAMMALIAN HEARTS. (PH.D. 1964 THE UNIVERSITY OF NEBRASKA - LINCOLN) 72p.
25/03, p. 2009 BLE64-08889

STRATTON, RICHARD BLAIN
COMPUTATION OF OPTIMAL CONTROLS FOR NONLINEAR SYSTEMS VIA GEOMETRIC SEARCH. (PH.D. 1969 MICHIGAN STATE UNIVERSITY) 189p.
30/12-B, p. 5503 BLE70-09843

STRAWN, DAVID LOREN
A COMPARATIVE STUDY OF THE EFFECT OF COMPUTER EXTENDED INSTRUCTION ON THE ACHIEVEMENT OF CALCULUS STUDENTS. (PH.D. 1974 UNIVERSITY OF MINNESOTA) 231p.
35/12-A, p. 7539 BLE75-12168

STREBENDT, RICHARD ERNEST
PROGRAM SPEEDUP THROUGH CONCURRENT RECORD PROCESSING. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 201p.
35/11-B, p. 5383 BLE75-11635

STRECKER, WILLIAM DANIEL
AN ANALYSIS OF THE INSTRUCTION EXECUTION RATE IN CERTAIN COMPUTER STRUCTURES. (PH.D. 1970 CARNEGIE-MELLON UNIVERSITY) 109p.
31/10-B, p. 5989 BLE71-09883

STREETS, RUBERT BURLEY, JR.
INTEGRATION OF ANALYTICAL AND CONVENTIONAL DESIGN TECHNIQUES FOR OPTIMUM CONTROL SYSTEMS. (PH.D. 1964 THE UNIVERSITY OF ARIZONA) 125p. 25/03, p. 1822 BLE64-07366

STRINGFELLOW, HART ROBERT, JR.
COGNITIVE STYLE DIFFERENCES AMONG DENTAL STUDENTS AND ACHIEVEMENT IN ORAL DIAGNOSIS USING COMPUTER-ASSISTED INSTRUCTION–AN EXPERIMENTAL STUDY. (PH.D. 1975 THE UNIVERSITY OF FLORIDA) 226p.
36/08-A, p. 5070 BLE76-04281

STROD, ARIEH ARAD
AN INVESTIGATION, USING COMPUTER SIMULATION OF A MODEL, OF PRODUCT WARRANTY EFFECT ON OPERATING INCOME. (PH.D. 1975 SYRACUSE UNIVERSITY) 144p. 36/10-B, p. 5221 BLE76-07714

STROLL, ZOLTAN ZVI
OPERATIONAL MONITORING OF REGISTER TRANSFER LEVEL SYSTEMS. (PH.D. 1975 NORTHWESTERN UNIVERSITY) 206p. 36/07-B, p. 3478 BLE75-29764

STROMOTICH, FRANK L.
SUBOPTIMAL ADAPTIVE CONTROL TO STABILIZE POWER SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF SASKATCHEWAN (CANADA)) 155p.
34/10-B, p. 4971 BLE74-09627

STRUTHERS, KEITH DUANE
SPECIALIZED Z-FORM STEADY-STATE ANALYSIS OF LINEAR AND NONLINEAR SYSTEMS. (PH.D. 1959 THE UNIVERSITY OF WISCONSIN - MADISON) 153p.
20/03, p. 976 BLE59-03293

STUART, THOMAS ANDREW
SENSITIVITY ANALYSIS OF STATE ESTIMATION FOR POWER SYSTEMS. (PH.D. 1972 IOWA STATE UNIVERSITY) 216p. 33/04-B, p. 1556 BLE72-26944

STUBBLEFIELD, FRANK WEILAND
A DATA COLLECTION AND ANALYSIS SOFTWARE SYSTEM FOR A DENSELY PACKED, THREE-DIMENSIONAL SPARK GRID CHAMBER ARRAY WITH INTERNAL TARGET WITH RESULTS FOR A NEGATIVE PION EXPOSURE AT 1080 MEV/C. (PH.D. 1972 VANDERBILT UNIVERSITY) 250p.
33/12-B, p. 6004 BLE73-14533

STUCKI, LEON GEORGE
THE USE OF DYNAMIC ASSERTIONS TO IMPROVE SOFTWARE QUALITY. (PH.D. 1976 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 186p.
37/04-B, p. 1779 BLE76-22216

STUDER, WILLIAM JOSEPH
COMPUTER-BASED SELECTIVE DISSEMINATION OF INFORMATION (SDI) SERVICE FOR FACULTY USING LIBRARY OF CONGRESS MACHINE-READABLE CATALOG (MARC) RECORDS. (PH.D. 1968 INDIANA UNIVERSITY) 263p. 29/11-A, p. 4033 BLE69-07119

STURGEON, DONALD LUIS GUILLERMO
INFORMATION RETRIEVAL FROM MOIRE FRINGE PATTERNS IN THERMAL STRAIN FIELDS. (PH.D. 1966 THE UNIVERSITY OF FLORIDA) 127p.
27/05-B, p. 1496 BLE66-11136

STURM, WALTER ALLAN
AN INFORMATION-THEORETIC EXAMINATION OF DIGITAL COMPUTERS. (PH.D. 1964 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 173p.
25/03, p. 1822 BLE64-09637

STURMAN, JOEL NATHANIEL
AN ITERATIVELY STRUCTURED DIGITAL COMPUTER. (PH.D. 1966 CORNELL UNIVERSITY) 198p.
28/01-B, p. 188 BLE67-01415

STUTZ, JOEL DAVID
ON SOME PROBLEMS OF COMPUTATIONAL THEORY AND TECHNIQUES IN MATHEMATICAL PROGRAMMING. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 127p.
33/01-B, p. 334 BLE72-19678

SU, (DAVID) HUI-YANG
PAGINATION OF PROGRAMS FOR VIRTUAL MEMORY SYSTEMS. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 154p. 35/08-B, p. 3872 BLE75-03206

SU, CHIN-CHUN
VOLTERRA FUNCTIONAL ANALYSIS OF NONLINEAR SYSTEMS WITH DETERMINISTIC AND STOCHASTIC INPUTS. (PH.D. 1967 UNIVERSITY OF PENNSYLVANIA) 184p. 28/04-B, p. 1521 BLE67-12810

SU, YEONG-LONG
DESIGNING AND PLANNING OPEN PIT MINING OPERATIONS WITH COMPUTER SIMULATION SOLUTIONS. (PH.D. 1971 THE PENNSYLVANIA STATE UNIVERSITY) 233p. 32/09-B, p. 5217 BLE72-09538

SU, YUEH-HSUNG
COMPUTER ORIENTED ALGORITHMS FOR SYNTHESIZING MULTIPLE OUTPUT COMBINATIONAL AND FINITE MEMORY SEQUENTIAL CIRCUITS. (PH.D. 1967 THE UNIVERSITY OF WISCONSIN - MADISON) 148p. 28/11-B, p. 4586 BLE68-01106

SUBAS, SUKUMARAN K. C.
DATA BASE ORGANIZATION–AN ACCESS AND STORAGE METHOD. (PH.D. 1975 PURDUE UNIVERSITY) 197p. 37/03-B, p. 1371 BLE76-20410

SUBER, HARRY HAMMOND
INTEGRAL MANIFOLDS FOR PERTURBED NONLINEAR SYSTEMS. (PH.D. 1969 CLEMSON UNIVERSITY) 62p.
30/10-B, p. 4716 BLE70-06282

SUBRAHMANYAM, MULUKUTLA BALA
CERTAIN OPTIMAL CONTROL PROBLEMS INVOLVING TRANSITORILY ENLARGED CONTROL CONSTRAINT SETS, RESTRICTED PHASE COORDINATES, CONTROL COMPONENT FAILURE, AND NONSTANDARD COST FUNCTIONALS. (PH.D. 1975 THE UNIVERSITY OF IOWA) 100p. 36/08-B, p. 4101 BLE76-02190

SUBRAMANIAN, GANESAN
COMPUTER STUDIES OF MODEL FLUIDS. (PH.D. 1973 UNIVERSITY OF MINNESOTA) 146p.
34/11-B, p. 5451 BLE74-10596

SUBRAMANIAN, TIRUKONDA LANKARAM
AN INVESTIGATION OF COMPUTER CONTROL OF CHATTER IN MACHINING. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 140p.
34/09-B, p. 4405 BLE73-27128

SUBRAMANYAM, KRISHNAPPA
A BIBLIOMETRIC INVESTIGATION OF COMPUTER SCIENCE JOURNAL LITERATURE. (PH.D. 1975 UNIVERSITY OF PITTSBURGH) 243p.
36/04-A, p. 1881 BLE75-22237

SUBUDHI, MANOMOHAN
ON THE STEADY-STATE RESPONSE AND STABILITY OF NONLINEAR TWO DEGREE-OF-FREEDOM SYSTEMS. (PH.D. 1974 POLYTECHNIC INSTITUTE OF NEW YORK) 164p. 35/04-B, p. 1895 BLE74-22499

SUDING, ROBERT T.
THE DESIGN OF COMPUTER GRAPHICS AND ITS APPLICATION TO AIDING EDUCATIONAL DECISION-MAKING. (PH.D. 1974 THE FLORIDA STATE UNIVERSITY) 195p. 35/04-A, p. 1937 BLE74-21721

SUFFERN, JOHN SAMUEL, III
EXPERIMENTAL ANALYSIS OF PREDATION IN A FRESHWATER SYSTEM. (PH.D. 1973 YALE UNIVERSITY) 114p. 34/06-B, p. 2477 BLE73-29484

SUGAI, YOSHIHIKO
A QUOTA SYSTEM POLICY AND ITS IMPACT ON THE LABOR MARKET IN THE SUGARCANE INDUSTRY ANALYSES THROUGH DYNAMIC LINEAR PROGRAMMING PROCEDURE, SAO PAULO, BRAZIL. (PH.D. 1974 IOWA STATE UNIVERSITY) 522p.
35/11-A, p. 6911 BLE75-10508

SUHRE, MAURICE ETHELBERT, JR.
THE IDENTIFICATION OF LINEAR SYSTEMS WITH AN ASSESSMENT COMPUTER. (PH.D. 1962 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 49p.
23/08, p. 2844 BLE62-06237

SUKARDJONO, SRITRUSTA
A STUDY OF DIAKOPTICS FOR POWER FLOW ANALYSIS. (PH.D. 1974 THE UNIVERSITY OF TENNESSEE) 252p. 35/06-B, p. 2759 BLE74-27242

SULE, DILEEP RAMESH
SYSTEMS ANALYSIS APPLIED TO INVENTORY CONTROL. (PH.D. 1969 TEXAS A&M UNIVERSITY) 194p. 31/01-B, p. 211 BLE70-11686

SULLIVAN, FRANCIS J. M.
ROBUST MULTI-INPUT PROCESSORS. (PH.D. 1971 THE JOHNS HOPKINS UNIVERSITY) 89p.
33/01-B, p. 204 BLE72-19440

SULLIVAN, JOHN WILLIAM
THE ELECTRONIC COMPUTER: A CHALLENGE TO ORGANIZATION IN PUBLIC ADMINISTRATION. (D.P.A. 1961 UNIVERSITY OF SOUTHERN CALIFORNIA) 233p. 22/10, p. 3732 BLE62-01333

SULLIVAN, ROBERT LEE
REACTIVE GENERATION CONTROL VIA AUTOMATIC TAP-CHANGING TRANSFORMERS. (PH.D. 1969 THE UNIVERSITY OF FLORIDA) 192p.
31/01-B, p. 206 BLE70-12588

SULTAN, MOHAMED AHMED
A METHOD OF ADAPTIVE LINEARIZATION FOR A CLASS OF NONLINEAR SYSTEMS. (PH.D. 1964 UNIVERSITY OF TORONTO (CANADA)) 147p.
25/07, p. 4053 BLE65-00092

SUMMERLIN, LEE ROY
A FEASIBILITY STUDY OF TUTORIAL TYPE COMPUTER ASSISTED INSTRUCTION IN SELECTED TOPICS IN HIGH SCHOOL CHEMISTRY. (PH.D. 1971 UNIVERSITY OF MARYLAND) 156p.
32/10-A, p. 5636 BLE72-12856

SUMMERS, PHILLIP DALE
PROGRAM CONSTRUCTION FROM EXAMPLES. (PH.D. 1975 YALE UNIVERSITY) 90p.
37/01-B, p. 340 BLE76-14663

SUMMIT, ROGER KENT
SIMULATION OF A MANAGEMENT DECISION PROCESS UTILIZING A COMPUTER MODEL OF THE AEROSPACE INDUSTRY. (PH.D. 1966 STANFORD UNIVERSITY) 194p. 27/01-A, p. 28 BLE66-06388

SUN, CHANG HSI
MATRIX SOLUTION OF NONLINEAR SAMPLED-DATA CONTROL SYSTEMS. (PH.D. 1961 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 177p.
22/05, p. 1560 BLE61-04386

SUN, CHIEH
OPTIMAL CONTROL WITH INCOMPLETE STATE INFORMATION. (PH.D. 1973 UNIVERSITY OF SOUTHERN CALIFORNIA) 75p.
33/10-B, p. 4836 BLE73-09326

SUN, KAI CHIH-KAI
EXPONENTIAL ABSOLUTE STABILITY OF NONLINEAR DISCRETE-TIME SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF SANTA CLARA) 115p.
33/10-B, p. 4813 BLE73-09260

SUN, YO-YU
TRANSIENT ANALYSIS OF COUPLED MULTICONDUCTOR TRANSMISSION LINE SYSTEMS. (SC.D. 1972 WASHINGTON UNIVERSITY) 118p.
33/03-B, p. 1122 BLE72-24258

SUNDEAN, DAVID AMEL
A USER SURVEY APPROACH TO DATA BASE DESIGN FOR AN INTERMEDIATE UNIT SPECIAL EDUCATION DEPARTMENT. (PH.D. 1974 UNIVERSITY OF PITTSBURGH) 221p.
35/03-A, p. 1537 BLE74-20900

SUNG, TSEN-YAU
SENSITIVITY ANALYSIS IN TRANSIENT STABILITY OF MULTIMACHINE POWER SYSTEMS. (PH.D. 1975 MISSISSIPPI STATE UNIVERSITY) 108p.
36/11-B, p. 5727 BLE76-11811

SUNSHINE, CARL ALLAN
INTERPROCESS COMMUNICATION PROTOCOLS FOR COMPUTER NETWORKS. (PH.D. 1976 STANFORD UNIVERSITY) 274p. 36/12-B, p. 6272 BLE76-13080

SURENDRAN, KAMAYASAMY
CONTROL OF QUASISTATIC DISTRIBUTED PARAMETER SYSTEMS WITH APPLICATION TO REACTOR THEORY. (PH.D. 1971 STATE UNIVERSITY OF NEW YORK AT STONY BROOK) 84p.
32/08-B, p. 4746 BLE72-08397

SURTI, KANTILAL KHUSHALDAS
COMPUTER SIMULATION OF MICROWAVE DEVICES. (PH.D. 1974 THE UNIVERSITY OF CONNECTICUT) 227p. 35/04-B, p. 1873 BLE74-21811

SUSKI, GREGORY JOHN
MECHANICAL LANGUAGE GENERATION IN A COMPUTER GRAPHICS ENVIRONMENT. (PH.D. 1976 NORTHWESTERN UNIVERSITY) 281p.
36/12-B, p. 6273 BLE76-12383

SUSSMANN, MARIO
A BAYESIAN INFORMATION PROCESSING APPROACH TO BELIEF CHANGE IN A ROLE-PLAYING SITUATION. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 80p. 36/05-B, p. 2530 BLE75-24414

SUSTMAN, JAMES EDWARD
AMPL: A PROGRAMING LANGUAGE FOR MANUSCRIPT PREPARATION SYSTEMS. (PH.D. 1975 YALE UNIVERSITY) 317p.
36/12-B, p. 6273 BLE76-13783

SUTABUTRA, HARIS
REPEATED COMPUTATION CONTROL AND ITS APPLICATION TO PRODUCTION-WAREHOUSE SYSTEMS. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, BERKELEY) 123p. 26/02, p. 921 BLE65-08260

SUTHERLAND, WILLIAM RICHARD STANLEY
ON OPTIMAL DEVELOPMENT PROGRAMS WHEN FUTURE UTILITY IS DISCOUNTED. (PH.D. 1967 BROWN UNIVERSITY) 46p.
28/09-B, p. 3780 BLE68-01506

SUTHERLIN, DONALD WAYNE
TIME-DOMAIN AND FREQUENCY-DOMAIN DESIGN TECHNIQUES FOR MODEL-REFERENCE ADAPTIVE CONTROL SYSTEMS. (PH.D. 1971 AUBURN UNIVERSITY) 171p. 32/10-B, p. 5806 BLE72-11296

SUTTER, DAVID FRANKLIN
AN EXPERIMENTAL INVESTIGATION OF COMPUTER MONITORING AND CONTROL FOR THE CORNELL 10 GEV ELECTRON SYNCHROTRON. (PH.D. 1969 CORNELL UNIVERSITY) 221p.
30/09-B, p. 4306 BLE70-00537

SUTTER, EMILY MAY GEESEMAN
INDIVIDUAL DIFFERENCES AND SOCIAL CONDITIONS AS THEY AFFECT LEARNING BY COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1967 THE UNIVERSITY OF TEXAS AT AUSTIN) 173p.
28/10-A, p. 4012 BLE68-04346

SUZUKI, NORIHISA
AUTOMATIC VERIFICATION OF PROGRAMS WITH COMPLEX DATA STRUCTURE. (PH.D. 1976 STANFORD UNIVERSITY) 200p. 37/02-B, p. 858 BLE76-18803

SVESTKA, JOSEPH ANTHONY
APPLICATIONS OF OPERATIONS RESEARCH TO A CHECK PROCESSING SYSTEM. (PH.D. 1974 CASE WESTERN RESERVE UNIVERSITY) 142p.
35/09-B, p. 4580 BLE75-05091

SVOBODOVA, LIBA
COMPUTER PERFORMANCE MEASUREMENT AND EVALUATION METHODS: ANALYSIS AND APPLICATIONS. (PH.D. 1974 STANFORD UNIVERSITY) 178p. 35/06-B, p. 2705 BLE74-27124

SWAIN, PHILIP HENRY
NONPARAMETRIC AND LINGUISTIC APPRAOCHES TO PATTERN RECOGNITION. (PH.D. 1970 PURDUE UNIVERSITY) 197p. 31/08-B, p. 4699 BLE71-02684

SWAMY, KUDUVALLY NANJUNDA
OPTIMAL CONTROL OF SINGLE-INPUT DISCRETE BILINEAR SYSTEMS. (D.SC. 1973 WASHINGTON UNIVERSITY) 89p. 34/12-B, p. 5957 BLE74-13813

SWANDER, JAMES ELZA
ANALYTIC AND NUMERICAL TRANSPORT TECHNIQUES IN ENERGY-DEPENDENT FAST-NEUTRON WAVE AND PULSE PROPAGATION. (PH.D. 1974 THE UNIVERSITY OF FLORIDA) 160p.
35/08-B, p. 3940 BLE75-03532

SWANEY, LOIS MAE
ISOLATION AND GENETIC COMPLEMENTATION ANALYSIS OF MUTANTS OF ESCHERICHIA COLI LACKING TYPE 1 PILI AND THEIR BEHAVIOR IN TWO-PHASE AQUEOUS POLYMER SYSTEMS. (PH.D. 1974 UNIVERSITY OF PITTSBURGH) 253p.
36/03-B, p. 1072 BLE75-18260

SWANSON, MELVIN STEWART
THE DEVELOPMENT OF A METHODOLOGY FOR COMPUTER-ASSISTED ERROR-DIAGNOSTIC TESTING IN ADAPTIVE INSTRUCTIONAL SYSTEMS. (PH.D. 1971 UNIVERSITY OF PITTSBURGH) 77p.
32/04-A, p. 1928 BLE71-26189

SWANSON, ROGER CLARENCE
DATA STRUCTURING IN A PARALLEL COMPUTER. (PH.D. 1974 STANFORD UNIVERSITY) 148p.
35/09-B, p. 4420 BLE75-06933

SWANSON, STANLEY MARDON
COMPUTER ALGORITHMS FOR DIRAC ALGEBRA, RELATIVISTIC POSITRON-ELECTRON BREMSSTRAHLUNG AT WIDE ANGLES, AND UNITARITY CONSTRAINTS ON THE MANDELSTAM REPRESENTATION. (PH.D. 1968 STANFORD UNIVERSITY) 118p. 29/08-B, p. 2996 BLE69-00300

SWARIN, STEPHEN JOHN
STUDIES IN ANALYTICAL PRESSUREMETRY. PART I: DEVELOPMENT OF TWO PRESSURE TRANSDUCING SYSTEMS FOR APPLICATIONS IN CHEMICAL ANALYSIS. PART II: DILATOMETRY USING PRESSURE TRANSDUCING INSTRUMENTATION. (PH.D. 1972 UNIVERSITY OF MASSACHUSETTS) 184p.
33/01-B, p. 92 BLE72-19483

SWARTZLANDER, EARL EUGENE, JR.
THE INNER PRODUCT COMPUTER. (PH.D. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 177p.
33/04-B, p. 1500 BLE72-26060

SWEENEY, DANIEL JOSEPH
THE APPLICATION OF COMPUTER SIMULATION TECHNIQUES TO RETAIL MERCHANDISE MANAGEMENT: A FEASIBILITY STUDY. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 324p.
32/03-A, p. 1131 BLE71-22837

SWENSON, DONALD EUGENE
PERFORMANCE MEASURES FOR A DATA-BASE MANAGEMENT SYSTEM. (PH.D. 1973 PURDUE UNIVERSITY) 186p. 35/01-B, p. 183 BLE74-15247

SWIGER, JAMES MORRIS
THE APPLICATION OF THE THEORY OF MINIMUM NORMED OPERATORS TO OPTIMUM CONTROL SYSTEM PROBLEMS. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 135p.
25/12, p. 7119 BLE65-06037

SWIGGER, BOYD KEITH
COMPUTER PROGRAMS FOR ANALYSES OF LANGUAGE DATA FOR USE IN THE HUMANITIES AND SOCIAL SCIENCES. (PH.D. 1973 THE UNIVERSITY OF IOWA) 432p. 34/06-B, p. 2762 BLE73-30991

SWINEHART, DANIEL CARL
COPILOT: A MULTIPLE-PROCESS APPROACH TO INTERACTIVE PROGRAMMING SYSTEMS. (PH.D. 1974 STANFORD UNIVERSITY) 213p.
35/03-B, p. 1232 BLE74-20241

SWINFORD, HAROLD WADE
COMPUTER SIMULATION OF DATTNER MODE PROPAGATION IN A PLASMA. (PH.D. 1972 THE UNIVERSITY OF ARIZONA) 81p.
33/02-B, p. 723 BLE72-21436

SWINGLE, ROBERT SHELTON, II
COMPUTER-ASSISTED GAS CHROMATOGRAPHY. (PH.D. 1971 PURDUE UNIVERSITY) 204p.
32/06-B, p. 3225 BLE72-01948

SWINT, DAVID OWEN
STUDIES ON THE NONLINEAR VIBRATIONS OF SYSTEMS WITH ONE AND TWO DEGREE-OF-FREEDOM. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 163p.
33/11-B, p. 5323 BLE73-12832

SWORDER, DAVID DICKEY
SYNTHESIS OF OPTIMAL, DISCRETE TIME, ADAPTIVE CONTROL SYSTEMS. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 238p.
25/12, p. 7164 BLE65-05106

SWYERS, WILLIAM ELWOOD
APPLIED ACCOUNTING AND AUTOMATIC DATA-PROCESSING SYSTEMS. (PH.D. 1962 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 242p.
23/03, p. 873 BLE62-03671

SZARKOWICZ, DONALD STEPHEN
OPTIMAL CONTROL OF A MULTI-CHANNEL QUEUEING SYSTEM. (PH.D. 1975 ILLINOIS INSTITUTE OF TECHNOLOGY) 185p.
36/12-B, p. 6316 BLE76-13165

SZE, DANIEL T. W.
AN ARCHITECTURE FOR A LANGUAGE PROCESSOR. (PH.D. 1971 THE UNIVERSITY OF FLORIDA) 270p.
33/02-B, p. 678 BLE72-21106

SZOLOVITS, PETER
THE REL LANGUAGE WRITER'S LANGUAGE: A METALANGUAGE FOR IMPLEMENTING SPECIALIZED APPLICATION LANGUAGES. (PH.D. 1975 CALIFORNIA INSTITUTE OF TECHNOLOGY) 184p.
36/05-A, p. 2466 BLE75-24791

SZYGENDA, STEPHEN ANTHONY, JR.
ANALYSIS AND SYNTHESIS OF SELF REPAIR TECHNIQUES FOR DIGITAL COMPUTERS. (PH.D. 1968 NORTHWESTERN UNIVERSITY) 204p.
30/07-B, p. 3294 BLE70-00166

T

TABAK, DANIEL
APPLICATION OF MATHEMATICAL PROGRAMMING IN THE DESIGN OF OPTIMAL CONTROL SYSTEMS. (PH.D. 1968 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 120p. 29/02-B, p. 616 BLE68-12203

TACK, LELAND RICHARD
DEVELOPMENT OF A STUDENT GUIDED PROGRAM IN STATISTICS USING A SMALL DIGITAL COMPUTER. (PH.D. 1972 IOWA STATE UNIVERSITY) 124p.
33/04-A, p. 1544 BLE72-20004

TAFEEN, NEIL ANDREW
VISUAL PATTERN RECOGNITION AND ITS RELATIONSHIP TO READING ABILITY. (PH.D. 1973 HOFSTRA UNIVERSITY) 63p.
36/01-B, p. 428 BLE75-15002

TAFT, CHARLES KIRKLAND
THEORY OF PULSE-DATA SYSTEMS APPLIED TO AN INPUT SELF-ADAPTIVE PULSE-DATA SYSTEM. (PH.D. 1960 CASE WESTERN RESERVE UNIVERSITY) 183p.
21/08, p. 2232 BLE60-05556

TAGGART, WILLIAM MERRIT, JR.
A SYNTACTICAL APPROACH TO MANAGEMENT INFORMATION REQUIREMENTS ANALYSIS. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 303p.
32/12-A, p. 6615 BLE72-17428

TAGUE, JEAN MARY
STATISTICAL MEASURES OF TERM ASSOCIATION IN INFORMATION RETRIEVAL. (PH.D. 1966 CASE WESTERN RESERVE UNIVERSITY) 116p.
27/12-A, p. 4274 BLE67-04625

TAHIM, GURCHARAN SINGH
OPTIMUM CONTROL OF LINEAR SYSTEMS WITH TIME LAGS. (PH.D. 1965 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 43p.
26/01, p. 278 BLE65-07169

TAI, SIMON WEN-LON
CAUSAL AND PATH MODEL ANALYSIS OF THE ORGANIZATIONAL CHARACTERISTICS OF CIVIL DEFENSE SYSTEM. (PH.D. 1972 IOWA STATE UNIVERSITY) 187p. 33/04-A, p. 1555 BLE72-26946

TAJCHMAN, EDWIN JOSEPH
COMPUTER-AIDED ANIMATION UTILIZING A MAPPING PROCESS. (PH.D. 1974 UNIVERSITY OF DENVER) 133p. 35/05-B, p. 2199 BLE74-24670

TAJIBNAPIS, WILLIAM DJOHANSJAH
MESSAGE-SWITCHING PROTOCOLS IN DISTRIBUTED COMPUTER NETWORKS. (VOLUMES I AND II). (PH.D. 1976 THE UNIVERSITY OF MICHIGAN) 412p.
37/03-B, p. 1339 BLE76-19254

TAKEUCHI, KUNIYOSHI
OPTIMAL CONTROL OF MULTI-UNIT INTER-BASIN WATER-RESOURCE SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 173p. 33/04-A, p. 1883 BLE72-24849

TALAN, RAUL ERIC
OPTIMAL CONTROL OF TANDEM QUEUES. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 150p. 34/02-B, p. 630 BLE73-18653

TALAVAGE, JOSEPH JOHN
ADAPTIVE PATTERN RECOGNITION IN GENERAL SYSTEMS THEORY. (PH.D. 1968 CASE WESTERN RESERVE UNIVERSITY) 80p.
29/12-B, p. 4661 BLE69-09436

TALBERT, WILLIAM LAUREL
APPLICATION OF A NEW SYSTEMS MODEL OF SOCIAL ORGANIZATION TO THE THEORY AND PRACTICE OF FINANCIAL ACCOUNTING. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 253p.
34/09-A, p. 5408 BLE74-05337

TALBOT, ALDEN A.
A COMPARISON OF THE COMPUTER NEEDS OF OFFICE MANAGERS IN COMPUTER-USING COMPANIES WITH THE COMPUTER COURSE REQUIREMENTS IN OFFICE MANAGEMENT CURRICULA IN NABTE SCHOOLS. (PH.D. 1976 THE UNIVERSITY OF IOWA) 202p.
37/05-A, p. 2614 BLE76-26336

TAM, WING CHEUNG
DIGITAL SIMULATION LANGUAGE FOR DISTRIBUTED PARAMETER SYSTEM IDENTIFICATION. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 208p.
33/04-B, p. 1600 BLE72-26842

TAMIR, ARIE
THE COMPLEMENTARITY PROBLEM OF MATHEMATICAL PROGRAMMING. (PH.D. 1973 CASE WESTERN RESERVE UNIVERSITY) 131p.
34/08-B, p. 3933 BLE74-02569

TAN, CARY CHIA LIH
THE EFFICIENT HIGH-SPEED TIME-DOMAIN COMPUTER SIMULATION OF LINEAR SYSTEMS. (PH.D. 1975 CORNELL UNIVERSITY) 181p.
36/11-B, p. 5727 BLE76-09570

TAN, KWANG-GUN
A MULTI-PROCESSOR SYSTEM WITH SEPARATE DUAL-STACK CONTROL AND SHARED MAXIMAL-RATE ARITHMETIC UNITS. (PH.D. 1973 SYRACUSE UNIVERSITY) 236p. 35/02-B, p. 834 BLE74-17632

TANG, CALVIN KUO-LEE
THE UNIVERSAL LOGIC MODULES AND THEIR APPLICATION TO LOGIC NETWORK DESIGN . (PH.D. 1969 NORTHWESTERN UNIVERSITY) 102p.
30/07-B, p. 3188 BLE70-00169

TANGDALL, JAMES ANDREW
A COMPARISON OF MODULAR MASTER SCHEDULES GENERATED BY THE COMPUTER AND GENERATED BY AN ADMINISTRATIVE TEAM FOR WESTSIDE HIGH SCHOOL. (ED.D. 1970 THE UNIVERSITY OF NEBRASKA - LINCOLN) 161p. 31/08-A, p. 3846 BLE71-02931

TANNER, DONALD WAYNE
THE KINETICS AND MECHANISM OF FORMATION AND HYDROLYSIS OF BORIC ACID ESTERS OF SALICYLAMIDES, SALICYLAMIDINES AND DISALICYLIMIDE. EFFECT OF SELF-ASSOCIATION ON SPECTRAL DETERMINATION OF ASSOCIATION CONSTANTS NEIGHBORING HYDROXYL GROUP CATALYSIS OF AMIDE HYDROLYSIS. COMPUTER PROGRAMS FOR SOLUTION KINETICS. (PH.D. 1968 CORNELL UNIVERSITY) 228p.
28/10-B, p. 4079 BLE68-04651

TAQVI, SYED ZAFAR HASNAIN
DESIGN OF OPTIMUM FILTERS FOR ANALOG FEEDBACK TELEMETRY SYSTEM. (PH.D. 1969 UNIVERSITY OF HOUSTON) 182p.
30/09-B, p. 4142 BLE70-04600

TARASSOV, VICTOR J.
OPTIMIZATION OF MULTIVARIABLE DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1968 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 253p.
29/11-B, p. 4181 BLE69-07590

TARN, TZYH-JONG
STOCHASTIC OPTIMAL CONTROL WITH IMPERFECTLY KNOWN DISTURBANCES. (SC.D. 1968 WASHINGTON UNIVERSITY) 110p.
29/08-B, p. 2850 BLE69-02447

TARNG, MING-YUEH
THE EPSILON TECHNIQUE AND CONTROLS FOR DISCRETE-TIME SYSTEMS WITH LUMPED AND DISTRIBUTED PARAMETERS. (PH.D. 1971 SOUTHERN METHODIST UNIVERSITY) 137p.
32/08-B, p. 4605 BLE72-08388

TARNOVE, IVIN
A CONTROLLABILITY PROBLEM FOR NONLINEAR SYSTEMS. (PH.D. 1966 UNIVERSITY OF SOUTHERN CALIFORNIA) 59p. 27/09-B, p. 3197 BLE67-02127

TARONDEAU, JEAN CLAUDE
THE MANAGEMENT INFORMATION SYSTEM DESIGN PROBLEM DISCRIMINANT ANALYSIS APPLIED TO PRODUCTION INFORMATION SYSTEMS. (PH.D. 1974 THE UNIVERSITY OF TEXAS AT AUSTIN) 263p.
35/01-A, p. 43 BLE74-14771

TARRER, ARTHUR RAY
OPTIMAL PLANT DESIGN OF ACTIVATED SLUDGE SYSTEMS UNDER UNCERTAINTY. (PH.D. 1973 PURDUE UNIVERSITY) 378p.
34/05-B, p. 2006 BLE73-28149

TARTAKOFF, DAVID STEPHEN
ON THE REGULARITY OF WEAK SOLUTIONS FOR FIRST ORDER SYSTEMS OF LINEAR PARTIAL DIFFERENTIAL OPERATORS SATISFYING AN A PRIORI INEQUALITY. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 114p.
30/10-B, p. 4716 BLE70-06239

TATE, JERRY DALE
SOME EFFECTS OF MULTIDIMENSIONAL STIMULUS INFORMATION ON PROCESSING TIME. (PH.D. 1965 THE OHIO STATE UNIVERSITY) 85p.
26/11, p. 6880 BLE66-01949

TAULANANDA, AJVA
DESIGN OF OPTIMAL MANUFACTURING QUALITY-ASSURANCE SYSTEMS USING DYNAMIC PROGRAMMING. (PH.D. 1973 ILLINOIS INSTITUTE OF TECHNOLOGY) 210p.
34/06-B, p. 2637 BLE73-27089

TAUXE, GEORGE WILLIS
JOINT OPERATION OF A MULTIPLE-PURPOSE LINKED RESERVOIR SYSTEM WITH MULTI-STATE INCREMENTAL DYNAMIC PROGRAMMING. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 115p. 34/09-B, p. 4418 BLE74-03936

TAXIN, HARRY MEYER
INTERACTIVE GRAPHICS AND THE COMPUTER-AIDED DESIGN OF DIGITAL SYSTEMS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 369p.
31/12-B, p. 7239 BLE71-16307

TAYLOR, CHARLES FRANCIS
SYNTHESIS OF A NONLINEAR CONTROL SYSTEM. (PH.D. 1956 STANFORD UNIVERSITY) 102p.
16/05, p. 931 BLE00-16033

TAYLOR, DONALD HARRIS
CAPITAL BUDGETING THEORY AS APPLIED TO THE LEASING OR PURCHASING OF CAPITAL ASSETS–WITH EMPHASIS ON COMPUTER EQUIPMENT. (PH.D. 1967 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 161p.
28/05-A, p. 1561 BLE67-14012

TAYLOR, JANET KAY ASHCRAFT
THE EFFECT OF INSTRUCTION IN COMPUTER PROGRAMMING ON THE DEDUCTIVE REASONING OF JUNIOR COLLEGE BUSINESS DATA PROCESSING MAJORS. (ED.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 176p.
31/07-A, p. 3441 BLE71-00716

TAYLOR, JOHN COLIN
GULLY BANK EROSION: MECHANICS AND SIMULATION BY DIGITAL COMPUTER. (PH.D. 1973 IOWA STATE UNIVERSITY) 168p.
34/10-B, p. 4930 BLE74-09160

TAYLOR, PHILIP CRAIG
COMPUTER SIMULATIONS OF MAGNETIC RESONANCE SPECTRA OBSERVED IN POLYCRYSTALLINE AND GLASSY MATERIALS, WITH SPECIAL APPLICATION TO ELECTRON SPIN RESONANCE STUDIES OF ALKALI-BORATE CERAMICS. (PH.D. 1969 BROWN UNIVERSITY) 271p.
31/12-B, p. 7537 BLE71-15056

TAYLOR, ROBERT WALKER
GENERALIZED DATA BASE MANAGEMENT SYSTEM DATA STRUCTURES AND THEIR MAPPING TO PHYSICAL STORAGE. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 286p.
32/11-B, p. 6347 BLE72-15014

TAYLOR, RYLAND ARTHUR, JR.
THE USE OF THE SPONSOR'S COMPUTER IN A CREDIT UNION OPERATION. (PH.D. 1967 UNIVERSITY OF NOTRE DAME) 255p.
28/11-A, p. 4349 BLE67-13604

TAYLOR, STEPHEN LEONARD
AUTOMATIC ABSTRACTING BY APPLYING GRAPHICAL TECHNIQUES TO SEMANTIC NETWORKS. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 385p.
35/10-B, p. 4869 BLE75-08002

TAYLOR, THOMAS MARTIN
APPLICATION OF IMPERFECT, REDUCED-STATE RELAY CONTROL TO MODEL-REFERENCE SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF CONNECTICUT) 72p. 31/12-B, p. 7300 BLE71-16049

TAYLOR, TIMOTHY DAVID
THE EFFECT OF BEHAVIORAL OBJECTIVES UPON SELECTED ASPECTS OF LEARNER CONTROL IN A COMPUTER-BASED INSTRUCTIONAL SETTING. (PH.D. 1976 THE UNIVERSITY OF AKRON) 205p.
37/05-A, p. 2728 BLE76-24401

TCHA, DONG-WAN
OPTIMAL CONTROL OF SINGLE SERVER QUEUEING NETWORKS. (PH.D. 1975 NORTHWESTERN UNIVERSITY) 111p. 36/07-B, p. 3563 BLE75-29767

TCHAMRAN, ABBAS
APPLICATION OF THE HAMILTON-JACOBI EQUATION TO SOME CLASSES OF OPTIMAL CONTROL PROBLEMS. (PH.D. 1965 SYRACUSE UNIVERSITY) 79p. 26/02, p. 957 BLE65-07963

TEICHGRAEBER, RICHARD DANA
SENSITIVITY ANALYSIS AND LIAPUNOV STABILITY THEORY APPLIED TO POWER SYSTEM ANALYSIS (PH.D. 1969 KANSAS STATE UNIVERSITY) 117p.
30/06-B, p. 2707 BLE69-21145

TEITELBAUM, RAY
MINIMAL DISTANCE ANALYSIS OF SYNTAX ERRORS IN COMPUTER PROGRAMS. (PH.D. 1976 CARNEGIE-MELLON UNIVERSITY) 99p.
37/01-B, p. 340 BLE76-15975

TEIXEIRA, ARTHUR ALVES
THERMAL PROCESS OPTIMIZATION THROUGH COMPUTER SIMULATION OF VARIABLE BOUNDARY CONTROL AND CONTAINER GEOMETRY. (PH.D. 1971 UNIVERSITY OF MASSACHUSETTS) 199p.
32/03-B, p. 1519 BLE71-24261

TEJEDA-SANHUEZA, HERNAN R.
STATISTICAL ANALYSIS AND MODEL BUILDING FOR A WHEAT PRODUCTION SYSTEM IN CHILE. (PH.D. 1973 IOWA STATE UNIVERSITY) 206p.
34/01-B, p. 27 BLE73-16962

TEMPLE, INA G.
INFORMATION PROCESSING PREFERENCE AND THE LEARNING OF MOTOR TASKS. (PH.D. 1974 THE UNIVERSITY OF TOLEDO) 460p.
35/06-A, p. 3496 BLE74-28646

TEMPLE, MICHAEL GEORGE
CONTRIBUTIONS TO THE THEORY OF CHEBYSHEV SOLUTIONS OF OVERDETERMINED INCONSISTENT SYSTEMS OF LINEAR EQUATIONS. (PH.D. 1972 DREXEL UNIVERSITY) 129p.
32/12-B, p. 7180 BLE72-16560

TEMPLE, RONALD HERBERT
RTL - A REAL-TIME LANGUAGE FOR COMPUTER CONTROL SOFTWARE. (PH.D. 1970 CASE WESTERN RESERVE UNIVERSITY) 301p.
31/06-B, p. 3610 BLE70-25924

TEMPLE, VIRGINIA ELLEN
SIMSTATE: A COMPUTER SIMULATION GAME FOR STATE GOVERNMENTS. (PH.D. 1971 DUKE UNIVERSITY) 229p. 32/10-A, p. 5454 BLE72-11136

TEMPLETON, FREDERICK EARL
OPTIMAL CONTROL OF A PROCESS WITH DISCRETE AND CONTINUOUS DECISION VARIABLES. (PH.D. 1970 UNIVERSITY OF UTAH) 125p.
31/08-B, p. 4701 BLE71-03007

TENENBAUM, JAY MARTIN
ACCOMMODATION IN COMPUTER VISION. (PH.D. 1971 STANFORD UNIVERSITY) 471p.
32/02-B, p. 880 BLE71-19769

TENG, TIAN-LIH
LEARNING ALGORITHMS FOR MULTI-CLASS PATTERN CLASSIFICATION AND PROBLEMS ASSOCIATED WITH ON-LINE HANDWRITTEN CHARACTER RECOGNITION. (PH.D. 1969 UNIVERSITY OF PITTSBURGH) 190p.
31/03-B, p. 1268 BLE70-16373

TENNANT, JERRY RONALD
SIMPLIFIED LANGUAGE AND CODING FOR LIMITED DATA PROCESSING APPLICATIONS. (PH.D. 1964 IOWA STATE UNIVERSITY) 72p.
25/05, p. 2911 BLE64-10670

TENO, JOSEPH
THE ANALYSIS OF HIGH FREQUENCY TRANSIENTS IN A RECTIFIER SYSTEM. (PH.D. 1960 LEHIGH UNIVERSITY) 88p. 21/04, p. 832 BLE60-03396

TEOREY, TOBY JACKSON
THE ROLE OF DISK SCHEDULING IN MULTIPROGRAMMED COMPUTER SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 153p. 33/10-B, p. 4763 BLE72-33878

TERBOVIC, NATALIE JUNE
SELF-EVALUATION IN AN INFORMATION PROCESSING FRAMEWORK: A COMPARISON OF THREE MODELS. (PH.D. 1973 UNIVERSITY OF OREGON) 110p. 34/09-B, p. 4643 BLE74-06906

TERMAN, DOROTHY J. T.
TEACHER ROLE-EXPECTATIONS AND ROLE-CONFLICTS IN THE PROJECT PLAN SYSTEM OF INDIVIDUALIZED INSTRUCTION–A Q-ANALYSIS. (PH.D. 1974 THE UNIVERSITY OF IOWA) 300p.
35/07-A, p. 4276 BLE75-01275

TERNINKO, JOHN III
APPLICATION OF OPERATIONS RESEARCH: CURRENT TRENDS. (PH.D. 1968 CASE WESTERN RESERVE UNIVERSITY) 133p. 29/12-A, p. 4143 BLE69-09439

TERRIS, IRA
INVESTIGATION AND SIMULATION OF A SELF-REPAIRING DIGITAL COMPUTER. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 587p.
26/07, p. 3825 BLE65-12700

TERRY, JAMES PRESTON
A SURVEY OF ELECTRONIC DATA PROCESSING USAGE IN THE PUBLIC SCHOOL DISTRICTS IN THE STATE OF TEXAS. (ED.D. 1976 EAST TEXAS STATE UNIVERSITY) 162p. 37/05-A, p. 2573 BLE76-24544

THAKUR, PRAMOD CHANDRA
COMPUTER-AIDED ANALYSIS OF DIESEL EXHAUST CONTAMINATION OF MINE VENTILATION SYSTEMS. (PH.D. 1974 THE PENNSYLVANIA STATE UNIVERSITY) 248p. 36/03-B, p. 1385 BLE75-19826

THANGAVELU, KANDASAMY
SYSTEMS ANALYSIS OF PERSONAL RAPID TRANSIT SYSTEMS. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 252p. 35/06-B, p. 2740 BLE74-28763

THANIKASALAM, ANNAMALAI
OPTIMAL RESCHEDULING OF POWER BY ON-LINE DIGITAL COMPUTER FOR SYSTEM RELIABILITY. (PH.D. 1971 UNIVERSITY OF MISSOURI - COLUMBIA) 88p.
32/03-B, p. 1584 BLE71-22946

THARP, VAN KEITH, JR.
ALCOHOL AND RESPONSE SELECTION: AN INFORMATION PROCESSING ANALYSIS. (PH.D. 1975 THE UNIVERSITY OF OKLAHOMA) 159p.
36/12-B, p. 6438 BLE76-14096

THERP, HANS HOLGER
A MULTICRITERIA APPROACH TO STRATEGIC PLANNING WITH APPLICATIONS IN PRODUCTION AND INVENTORY CONTROL. (PH.D. 1976 STANFORD UNIVERSITY) 188p. 36/12-B, p. 6322 BLE76-13083

THESEN, ARNE
SCHEDULING OF COMPUTER PROGRAMS IN A MULTIPROGRAMMING ENVIRONMENT. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 203p. 34/03-B, p. 1116 BLE73-17446

THESING, GARY LEE
SOME COMPUTER ORIENTED MATERIALS FOR USE IN ELEMENTARY CALCULUS AND AN EXPERIMENT WITH THEIR USE. (ED.D. 1971 OKLAHOMA STATE UNIVERSITY) 159p. 33/02-A, p. 634 BLE72-22005

THIAGARAJAN, P. S.
A STUDY OF AN EXTENDED CLASS OF ASYNCHRONOUS CONTROL SYSTEMS. (PH.D. 1973 RICE UNIVERSITY) 149p.
34/03-B, p. 1067 BLE73-21607

THIBODEAUX, MURPHY HENRY
NUMERICAL ANALYSIS OF NORMALLY LOADED PLANE FRAMES. (PH.D. 1958 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 88p.
18/06, p. 2089 BLE58-01746

THIES, JAMES BARTON
COMPUTER-BASED MODELING AND SIMULATION AS A METHODOLOGICAL BASE FOR HIGH-LEVEL INFORMATION SYSTEMS ANALYSIS. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 206p.
33/06-A, p. 2557 BLE72-32596

THISBAYAKORN, CHAVALIT
LINEAR MODEL FOLLOWING SYSTEMS BY OUTPUT FEEDBACK. (PH.D. 1975 TEXAS A&M UNIVERSITY) 168p. 36/05-B, p. 2403 BLE75-25146

THOLL, ROBERT BARKALOW
THE DESIGN OF A COMPUTER-MANAGED INSTRUCTION SYSTEM FOR USE IN TECHNICAL EDUCATION PROGRAMS AT THE COMMUNITY COLLEGE LEVEL. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 198p. 34/09-A, p. 5628 BLE74-06150

THOMAS, CARLTON EUGENE
AN INVESTIGATION OF FILM CHARACTERISTICS PERTINENT TO COHERENT OPTICAL DATA PROCESSING SYSTEMS. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 186p.
32/03-B, p. 1584 BLE71-23891

THOMAS, HORACE RANDOLPH, JR.
OPTIMUM LEAST-COST DESIGN OF A TRUSS ROOF SYSTEM. (PH.D. 1976 VANDERBILT UNIVERSITY) 311p. 37/04-B, p. 1808 BLE76-22389

THOMAS, JERRELL MARSHALL
RELIABILITY-BASED ECONOMETRICS OF AEROSPACE STRUCTURAL SYSTEMS: DESIGN CRITERIA AND TEST OPTIONS. (PH.D. 1974 GEORGIA INSTITUTE OF TECHNOLOGY) 262p.
35/01-B, p. 199 BLE74-16140

THOMAS, JIMMIE LEE
A HYBRID COMPUTER PROGRAM TO PREDICT THE QUANTITY AND CHEMICAL QUALITY OF IRRIGATION RETURN FLOW. (PH.D. 1971 UTAH STATE UNIVERSITY) 166p. 32/07-B, p. 3936 BLE72-04742

THOMAS, JOHN BOWMAN
ON THE STATISTICAL DESIGN OF DEMODULATION SYSTEMS FOR SIGNALS IN ADDITIVE NOISE. (PH.D. 1955 STANFORD UNIVERSITY) 149p.
16/01, p. 90 BLE00-15386

THOMAS, JOSEPH FRANCIS
AN ANALYSIS OF COMPUTER ASSISTED INSTRUCTION IN UNDERGRADUATE INDUSTRIAL ARTS TEACHER EDUCATION INSTITUTIONS. (ED.D. 1976 UNIVERSITY OF NORTHERN COLORADO) 110p.
37/04-A, p. 2031 BLE76-23197

THOMAS, OTIS A.
DATA PROCESSING MANAGEMENT IN SELECTED MILITARY R&D LABORATORIES. (PH.D. 1971 THE AMERICAN UNIVERSITY) 114p.
32/06-A, p. 3408 BLE72-01722

THOMAS, REX ALLAN
COMPUTERIZED SIMULATION FOR TEACHING EXPERIMENTAL DESIGN. (PH.D. 1970 IOWA STATE UNIVERSITY) 213p. 31/06-B, p. 3328 BLE70-25831

THOMAS, ROBERT JOHN
APPROXIMATION AND COMPARISON TECHNIQUES FOR NONLINEAR OPTIMAL CONTROL PROBLEMS. (PH.D. 1973 WAYNE STATE UNIVERSITY) 147p.
34/11-B, p. 5473 BLE74-11170

THOMPSON, BARRY BAIRD
EFFECT OF COMPUTER-ASSISTED INSTRUCTION ON THE LANGUAGE ARTS ACHIEVEMENT OF ELEMENTARY SCHOOL CHILDREN. (PH.D. 1972 TEXAS A&M UNIVERSITY) 126p.
33/08-A, p. 4077 BLE73-03574

THOMPSON, DAVID BRUCE
SUBRECURSIVENESS AND FINITE COMPUTERS. (PH.D. 1968 STANFORD UNIVERSITY) 66p.
29/07-B, p. 2540 BLE69-00305

THOMPSON, DAVID DREW
OPTIMAL CONTROL OF A LINEAR SYSTEM WITH QUADRATIC COST UNDER A LINEAR HALF-SPACE STATE CONSTRAINT. (PH.D. 1970 THE UNIVERSITY OF MICHIGAN) 182p.
31/12-B, p. 7301 BLE71-15324

THOMPSON, EDGAR JOSEPH
SIGHTSINGING CONSTANT RHYTHM PITCH PHRASES: A COMPUTER ASSISTED INSTRUCTIONAL SYSTEM. (PH.D. 1973 UNIVERSITY OF UTAH) 115p.
34/07-A, p. 4319 BLE74-01400

THOMPSON, EDWARD WILLIAM
THE ANALYSIS AND SYNTHESIS OF METHODS FOR THE MODELING OF DIFFERENT FAULT CLASSES IN A DIGITAL LOGIC SIMULATION SYSTEM. (PH.D. 1972 SOUTHERN METHODIST UNIVERSITY) 152p.
33/04-B, p. 1500 BLE72-27303

THOMPSON, JAMES ROBERT
NONLINEAR EVOLUTION OF COLLISIONLESS ELECTRON BEAM-PLASMA SYSTEMS. (PH.D. 1969 THE UNIVERSITY OF TEXAS AT AUSTIN) 121p.
30/07-B, p. 3322 BLE69-21896

THOMPSON, JOSEPH GARTH
A METHOD FOR MODELING AND COMPENSATING NONLINEAR DYNAMIC SYSTEMS. (PH.D. 1967 PURDUE UNIVERSITY) 94p.
28/02-B, p. 645 BLE67-10263

THOMPSON, LAVERNE HINTON
APPLICATION OF THE COMPUTER TO DIAGNOSIS IN THE AREA OF CANINE CARDIOLOGY. (PH.D. 1974 TEXAS A&M UNIVERSITY) 206p.
36/01-B, p. 330 BLE75-16074

THOMPSON, ROBERT HAYWARD
INSTRUCTIONAL MEDIA FOR STUDIES OF CYBERNETICS: A RESOURCE FOR INDUSTRIAL ARTS. (ED.D. 1973 NEW YORK UNIVERSITY) 547p.
34/06-A, p. 3110 BLE73-30131

THOMPSON, ROBERT LUTHER
AN ON-LINE SYSTEM OF MEDICAL STUDENT RECORDS: A STUDY IN COMPUTER-ASSISTED ADMINISTRATION. (ED.D. 1968 DUKE UNIVERSITY) 209p. 29/12-A, p. 4258 BLE69-09078

THOMPSON, RUBY LEE
COMPUTER-ASSISTED PHONIC ANALYSIS: A VALIDATION STUDY. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 312p.
34/04-A, p. 1761 BLE73-24046

THOMPSON, WILLIAM EDWARD
ASYMPTOTIC BEHAVIOR AND STABILITY FOR SYSTEMS OF NONLINEAR DIFFERENTIAL EQUATIONS. (PH.D. 1959 PURDUE UNIVERSITY) 161p.
20/05, p. 1815 BLE59-04181

THOMPSON, WILLIAM JAMES
A GENERAL FORTRAN-BASED PACKAGE FOR SOLVING SEQUENCING PROBLEMS USING BRANCH AND BOUND METHODS. (PH.D. 1970 ARIZONA STATE UNIVERSITY) 326p. 31/05-B, p. 2699 BLE70-19927

THOMSEN, CARL TORBEN
AN EVENT-RELATION APPROACH TO A METATHEORY OF ACCOUNTING. (PH.D. 1973 MICHIGAN STATE UNIVERSITY) 83p. 34/03-A, p. 934 BLE73-20414

THOMSON, BARBARA SWANSON
UTILIZATION OF COMPUTER SIMULATED EXPERIMENTS (CSE) FOR DIAGNOSTIC PURPOSES. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 336p.
32/03-A, p. 1362 BLE71-22539

THONGTHAMMACHAT, SUSAK
OPTIMAL STOCHASTIC CONTROL WITH STATE AND CONTROL DEPENDENT NOISES. (PH.D. 1970 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 169p. 31/12-B, p. 7302 **BLE71-15052**

THORBJORNSEN, ARTHUR ROBERT
COMPUTER-AIDED TOLERANCE DESIGN. (PH.D. 1972 THE UNIVERSITY OF FLORIDA) 136p. 34/01-B, p. 225 **BLE73-15545**

THORINGTON, JOHN MORGAN, JR.
ADAPTIVE REPLACEMENT ALGORITHMS FOR USE IN PAGED MEMORY COMPUTER SYSTEMS. (PH.D. 1971 AUBURN UNIVERSITY) 179p. 32/06-B, p. 3301 **BLE72-00887**

THORNE, JACK FOSTER
THE IMPACT ON ACCOUNTING WHICH RESULTS FROM INSTALLING REAL-TIME SYSTEMS. (PH.D. 1968 THE UNIVERSITY OF ALABAMA) 306p. 29/05-A, p. 1327 **BLE68-15516**

THOWSEN, ARILD
CONTROL OF MIXED DISTRIBUTED AND LUMPED PARAMETER SYSTEMS. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 114p. 35/11-B, p. 5434 **BLE75-11699**

THUENTE, DAVID JOSEPH
MATHEMATICAL PROGRAMMING WITH MULTIFUNCTION CONSTRAINTS. (PH.D. 1974 UNIVERSITY OF KANSAS) 90p. 36/02-B, p. 764 **BLE75-17686**

THURGOOD, RONALD LYMAN
COMPUTER ALGORITHMS FOR SOLUTION OF NONLINEAR OPTIMIZATION PROBLEMS. (PH.D. 1970 UTAH STATE UNIVERSITY) 104p. 31/07-B, p. 4060 **BLE70-26994**

THURMAN, RICHARD GARY
USE OF A DEDICATED COMPUTER FOR REAL-TIME CONTROL OF GAS CHROMATOGRAPHIC MEASUREMENTS. (PH.D. 1971 THE UNIVERSITY OF ARIZONA) 183p. 32/01-B, p. 127 **BLE71-18514**

THURMON, JOE GORDON
THE DIFFERENTIAL PSYCHOLOGICAL REWARD VALUE OF COLOR VERSUS BLACK-AND-WHITE TELEVISION IN INSTRUCTIONAL SYSTEMS DESIGN. (ED.D. 1974 EAST TEXAS STATE UNIVERSITY) 77p. 35/07-A, p. 4265 **BLE75-01604**

THUY, NGUYEN THI BICH
AN APPLICATION OF OPTIMAL CONTROL THEORY OF POLICIES FOR INTERNAL AND EXTERNAL BALANCE. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 314p. 35/11-A, p. 6903 **BLE74-27495**

TIBBALS, HARRY FRED, III
A COMPUTER SIMULATION STUDY OF ION-MOLECULE REACTIONS IN THE MASS SPECTROMETER. (PH.D. 1970 UNIVERSITY OF HOUSTON) 287p. 31/07-B, p. 3987 **BLE71-01463**

TIDHAR, AMNON
USING A STRUCTURED WORLD MODEL IN FLEXIBLE RECOGNITION OF TWO DIMENSIONAL PATTERNS. (PH.D. 1975 UNIVERSITY OF PENNSYLVANIA) 157p. 36/12-B, p. 6273 **BLE76-12364**

TIEDEMANN, ARTHUR THEODORE
A PROCEDURE FOR SYSTEMATIC DETERMINATION OF THE EFFECTS OF COMPONENT-VALUE CHANGES IN AUTOMATIC CONTROL SYSTEMS. (PH.D. 1958 THE UNIVERSITY OF WISCONSIN - MADISON) 112p. 19/07, p. 1695 **BLE58-07543**

TIEWTRANON, PRAMOTE
COMPUTER-AUGMENTED DESIGN OF AIRCRAFT WING STRUCTURES. (PH.D. 1974 PURDUE UNIVERSITY) 144p. 35/11-B, p. 5416 **BLE75-10971**

TILL, HENRY ANTHONY
A COMPUTER MODEL FOR THREE-DIMENSIONAL SIMULATION OF THERMAL DISCHARGES INTO RIVERS. (PH.D. 1973 UNIVERSITY OF MISSOURI - ROLLA) 173p. 34/11-B, p. 5505 **BLE74-10342**

TILLETT, PETER IRWYN
OPTIMIZATION OF SECONDARY TEACHER ASSIGNMENTS USING OPERATIONS RESEARCH. (PH.D. 1973 THE UNIVERSITY OF CONNECTICUT) 177p. 34/04-A, p. 1718 **BLE73-24444**

TILLMAN, FRANK AUBREY
INTEGER PROGRAMMING SOLUTIONS TO RELIABILITY OPTIMIZATION PROBLEMS SUBJECT TO LINEAR AND NONLINEAR SEPARABLE RESTRAINTS WITH COMPUTER RESULTS. (PH.D. 1965 THE UNIVERSITY OF IOWA) 239p. 28/07-B, p. 2805 **BLE68-03486**

TIMLIN, JAMES JOSEPH, JR.
A COMPUTER SIMULATION OF THE PYROLYSIS OF UNTREATED AND FLAME RETARDANT TREATED CELLULOSIC FABRICS. (PH.D. 1974 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 289p. 35/04-B, p. 1643 **BLE74-21584**

TIMMRECK, ERIC MICHAEL
ADVISING BY COMPUTER: COURSE ADVISING, MEDICAL TREATMENT, GENERAL ADVISING. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 453p. 29/12-B, p. 4763 **BLE68-17942**

TIMOTHY, LA MAR K.
NONLINEAR CONTROL SYSTEM STABILITY VIA THE SECOND METHOD OF LYAPUNOV. (PH.D. 1960 UNIVERSITY OF UTAH) 65p. 21/09, p. 2661 **BLE60-06240**

TINDALL, MICHAEL HARRY
AN INTERACTIVE COMPILE-TIME DIAGNOSTIC SYSTEM. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 174p. 36/09-B, p. 4587 **BLE76-06989**

TING, DENNIS WAY
ON THE PROBLEM OF DYNAMIC MEMORY MANAGEMENT. (PH.D. 1975 CORNELL UNIVERSITY) 94p. 36/11-B, p. 5687 **BLE76-09571**

TING, HUI-TZENG
A MATHEMATICAL MODEL FOR THE COMPUTER SIMULATION OF MOIST PLUMES FROM STACKS AND COOLING TOWERS. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 214p. 34/02-B, p. 686 **BLE73-18500**

TING, JOSEPH YEN
COMPUTER-BASED ELECTRON BEAM TREATMENT PLANNING. (D.E. 1976 DARTMOUTH COLLEGE) 305p. 37/05-B, p. 2175 **BLE76-24970**

TING, PAUL BANG-HUNG
DESIGN AND DEVELOPMENT OF A GENERALIZED CONSTRAINED NONLINEAR OPTIMIZATION SYSTEM UTILIZING KNOWN PROBLEM ATTRIBUTES INFORMATION. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 270p. 36/02-B, p. 880 **BLE75-17797**

TING, TUZ-CHIN
THE DEVELOPMENT OF A COMPUTER-ASSISTED INSTRUCTIONAL SYSTEM. (ED.D. 1969 WASHINGTON STATE UNIVERSITY) 99p. 30/10-B, p. 4592 **BLE70-06682**

TIRA, DANIEL EDWARD
AN INTRODUCTION TO THE THEORY AND APPLICATION OF THE PRODUCT-MOMENT FAMILY OF CORRELATIONS VIA A COMPUTER ASSISTED INSTRUCTIONAL SYSTEM. (PH.D. 1970 THE OHIO STATE UNIVERSITY) 222p. 31/04-A, p. 1635 **BLE70-19372**

TITTLE, ROGER LEE
INFORMATION THEORY IN SEQUENTIAL ANALYSIS. (PH.D. 1967 THE UNIVERSITY OF TENNESSEE) 55p. 29/01-B, p. 283 **BLE68-09633**

TITUS, HAROLD ARTHUR, JR.
OPTIMUM AND QUASI-OPTIMUM CONTROL OF THIRD AND FOURTH-ORDER SYSTEMS. (PH.D. 1963 STANFORD UNIVERSITY) 103p. 24/01, p. 241 **BLE63-04628**

TIWARI, JAWAHAR
CELLULAR REGULATION AS A STOCHASTIC PROCESS: A COMPUTER SIMULATION STUDY. (PH.D. 1972 UNIVERSITY OF CINCINNATI) 193p. 33/09-B, p. 4138 **BLE73-03839**

TOBAGI, FOUAD ABDALLAH
RANDOM ACCESS TECHNIQUES FOR DATA TRANSMISSION OVER PACKET SWITCHED RADIO NETWORKS. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 289p. 35/11-B, p. 5383 **BLE75-10110**

TOBIN, HENRY
LATE RESPONSES TO SPEECH STIMULI AS DEMONSTRATED BY ELECTROENCEPHALOGRAPHY UTILIZING A SUMMING COMPUTER TECHNIQUE. (PH.D. 1968 PURDUE UNIVERSITY) 152p. 29/03-B, p. 1158 **BLE68-12629**

TOBIN, ROBERT MICHAEL
THE ANALYSIS OF DIGITAL COMMUNICATION SYSTEMS BY MOMENT SPACE METHODS. (PH.D. 1976 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 142p. 37/03-B, p. 1394 **BLE76-20216**

TODD, WILLIAM HYLTON
THE DEVELOPMENT OF A DATA PROCESSING FEASIBILITY STUDY FOR NEBRASKA PUBLIC SCHOOL DISTRICTS. (ED.D. 1969 THE UNIVERSITY OF NEBRASKA - LINCOLN) 365p. 31/01-A, p. 131 **BLE70-12289**

TOEPFER, RICHARD EARL, JR.
TIME-LAG IN A NONLINEAR FEEDBACK SYSTEM WITH A TIME-VARYING PARAMETER. (PH.D. 1962 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 125p. 23/02, p. 581 **BLE62-02982**

TOMEI, MARIO JOSEPH
AN ANALYSIS OF THE EXPERIENCE AND EFFECTS OF COMPUTER ASSISTED SCHEDULING IN SELECTED INSTITUTIONS OF HIGHER EDUCATION. (ED.D. 1969 TEMPLE UNIVERSITY) 432p. 31/03-A, p. 989 **BLE70-16684**

TOMISAK, ROBERT ANDREW
AN URBAN TRANSPORTATION MODAL INTERACTION STUDY USING QUEUING THEORY AND THE DIGITAL COMPUTER. (PH.D. 1971 UNIVERSITY OF MINNESOTA) 114p. 32/05-B, p. 2693 **BLE71-28292**

TOMKO, LAWRENCE ANDREW
OPTIMAL FEEDBACK CONTROL OF SYSTEMS WITH VARIABLE TIME DELAY. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 81p. 32/02-B, p. 950 **BLE71-21280**

TOMLINSON, ROBERT SCOTT
THE EFFECTS OF INTERNAL-EXTERNAL LOCUS OF CONTROL AND FIELD DEPENDENCY AS MEASURED BY THE BIE AND BFD SCALES UPON INFORMATION PROCESSING. (PH.D. 1974 UNIVERSITY OF SOUTHERN MISSISSIPPI) 80p. 35/10-B, p. 5166 **BLE75-08613**

TOMLINSON, ROBERT TRUEMAN
A HIGH LEVEL COMPUTER CONTROL LANGUAGE. (PH.D. 1976 TEXAS A&M UNIVERSITY) 207p. 37/03-B, p. 1340 **BLE76-20636**

TONGATE, RONALD EUGENE
A COST-REDUCING SYSTEM FOR APPLYING LINEAR PROGRAMMING MODELS TO PLANNING PROBLEMS OF INDIVIDUAL FARMS. (PH.D. 1969 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 277p. 30/07-A, p. 2692 **BLE70-01007**

TOPHAM, WILLIAM SANFORD
CONTROL OF CARDIAC OUTPUT STUDIED WITH COMPUTER TECHNIQUES. (PH.D. 1965 UNIVERSITY OF UTAH) 87p. 26/08, p. 4773 **BLE65-14521**

TORBETT, EMERSON ARLIN
MODELS FOR THE OPTIMAL CONTROL OF MARKOVIAN CLOSED QUEUEING SYSTEMS WITH ADJUSTABLE SERVICE RATES. (PH.D. 1972 STANFORD UNIVERSITY) 236p. 33/08-B, p. 3829 **BLE73-04613**

TORNELL, HENRY EDWARD
A COMPUTER PROGRAM USEFUL FOR MAKING EDUCATIONAL PRESCRIPTIONS FOR PRISONERS. (ED.D. 1973 LEHIGH UNIVERSITY) 142p. 34/09-A, p. 5557 **BLE74-06704**

TORNG, HWA-CHUNG
A STUDY OF NONLINEAR SAMPLED-DATA FEEDBACK CONTROL SYSTEMS CONTAINING A RELAY, A SATURATING, OR A BACKLASH ELEMENT. (PH.D. 1960 CORNELL UNIVERSITY) 101p. 21/01, p. 156 **BLE60-02079**

TORODE, JOHN Q
A MICROPROGRAMMABLE LOGIC MACHINE. (PH.D. 1972 UNIVERSITY OF WASHINGTON) 167p. 33/12-B, p. 5770 **BLE73-13694**

TORREY, HOWARD LEVI
AN ALL FORTRAN DIGITAL SIMULATION PROGRAM WITH AN ANALOG STRUCTURE. (PH.D. 1969 IOWA STATE UNIVERSITY) 117p. 30/11-B, p. 5032 **BLE70-07752**

TOTH, WILLIAM JOSEPH, JR.
INVESTIGATION OF BRILLOUIN LIGHT-SCATTERING AND THERMAL RELAXATION IN 1,1,1-TRICHLORO-2,2,2-TRIFLUOROETHANE (FREON 113A) USING A COMPUTER-INTERFACED SPECTROMETER. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 196p. 35/06-B, p. 2693 **BLE74-27496**

TOWLE, HERBERT CHARLES
DESIGN CRITERIA FOR NONLINEAR FEEDBACK SYSTEMS. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 146p. 31/02-B, p. 694 **BLE70-14664**

TOWLE, NELSON J.
EFFECTS OF THE MEMORIZATION OF RULE STATEMENTS ON PERFORMANCE, RETENTION, AND TRANSFER IN A COMPUTER-BASED LEARNING TASK. (PH.D. 1973 THE FLORIDA STATE UNIVERSITY) 83p. 34/10-A, p. 6373 **BLE74-08418**

TOWLE, ROSS ALBERT
CONTROL AND DATA DEPENDENCE FOR PROGRAM TRANSFORMATIONS. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 118p. 37/05-B, p. 2380 **BLE76-24191**

TOWNSEND, CHARLES LEE
COMPUTER APPLICATION TO CARDIOVASCULAR DISEASE. (PH.D. 1963 IOWA STATE UNIVERSITY) 78p. 24/10, p. 4127 **BLE64-03902**

TOWSLEY, DONALD FRED
LOCAL BALANCE MODELS OF COMPUTER SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 155p. 37/01-B, p. 340 **BLE76-14827**

TOWSTER, EDWIN
SEVERAL METHODS OF CONCEPT-FORMATION BY COMPUTER. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 135p. 31/04-B, p. 1895 **BLE70-12755**

TOYNE, MARGUERITE CASTLES
AN EVALUATION OF DATA-PROCESSING TRAINING IN GEORGIA PUBLIC AND PRIVATE SCHOOLS AND THE DERIVATION OF BEHAVIORAL OBJECTIVES FOR ENTRY-LEVEL COMPUTER PROGRAMMER AND OPERATOR CURRICULA BASED UPON RESPONSES OF DATA-PROCESSING MANAGERS. (PH.D. 1974 GEORGIA STATE UNIVERSITY - SCHOOL OF EDUCATION) 329p. 35/05-B, p. 2141 **BLE74-23180**

TRAVIS, IRENE LATHROP
DESIGN EQUATIONS: VEHICLES FOR RESEARCH INTO FACTORS AFFECTING BIBLIOGRAPHIC REFERENCE RETRIEVAL SYSTEM PERFORMANCE. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, BERKELEY) 107p. 36/10-A, p. 6349 **BLE76-08304**

TREHAN, AVTAR KRISHAN
RESIDUE CODES AND THEIR APPLICATIONS TO ARITHMETIC PROCESSORS. (PH.D. 1971 UNIVERSITY OF MARYLAND) 133p. 32/06-B, p. 3369 **BLE72-01664**

TRELLA, THOMAS JOSEPH
COMPUTER SIMULATION OF THE VIBRATORY AND ACOUSTIC BEHAVIOR OF RECIPROCATING COMPRESSOR DISCHARGE VALVE. (PH.D. 1972 PURDUE UNIVERSITY) 397p. 33/02-B, p. 746 **BLE72-21291**

TRELOAR, JAMES HENRY
A COMPUTER SIMULATION OF THE EFFECTS OF VIOLATIONS OF THE UNDERLYING ASSUMPTIONS OF CATTELL'S COEFFICIENT OF PATTERN SIMILARITY. (PH.D. 1970 THE UNIVERSITY OF ALABAMA) 143p. 31/10-A, p. 5217 **BLE71-09146**

TRENKLE, THOMAS DUDLEY
COMPUTER-AIDED DESIGN OF DISTRIBUTED PARAMETER MATCHING NETWORKS. (PH.D. 1970 THE UNIVERSITY OF IOWA) 282p. 31/06-B, p. 3414 **BLE70-23955**

TRENT, RAYMOND EVERET
A COMPREHENSIVE DIGITAL COMPUTER ANALYSIS OF THE POSITIVE DISPLACEMENT BRAYTON CYCLE. (PH.D. 1970 MICHIGAN STATE UNIVERSITY) 218p. 32/01-B, p. 342 **BLE71-18311**

TRETTER, STEVEN ALAN
SOME PROBLEMS IN THE RECONSTRUCTION AND PROCESSING OF SAMPLED-DATA. (PH.D. 1966 PRINCETON UNIVERSITY) 167p. 27/04-B, p. 1180 **BLE66-09846**

TREU, SIEGFRIED
SUPPLEMENTING HUMAN MEMORY BY MEANS OF INTERACTIVE, COMPUTER-BASED ASSOCIATIVE STORAGE AND RETRIEVAL. (PH.D. 1970 UNIVERSITY OF PITTSBURGH) 256p. 31/10-B, p. 6099 **BLE71-10668**

TRIEU, KENNETH LIENG-QUAC
ALGORITHMS FOR NEARLY TIME-OPTIMAL AND INSENSITIVE COMPUTER CONTROL OF SYSTEMS. (PH.D. 1971 MONTANA STATE UNIVERSITY) 157p. 32/09-B, p. 5192 **BLE72-08864**

TRIPP, EDWIN READE, III
AN INTERACTIVE THREE-DIMENSIONAL COLOR GRAPHICS SYSTEM. (PH.D. 1974 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 107p. 35/10-B, p. 4869 **BLE75-07695**

TRISKA, CLARENCE JAMES
APPLICATION OF THE ADAPTIVE VIEWPOINT TO A NONLINEAR SYSTEM WITH TIME VARYING PARAMETERS. (PH.D. 1961 IOWA STATE UNIVERSITY) 56p. 22/10, p. 3586 **BLE62-01372**

TRIVEDI, ASHOK KISHORE
COMPUTER SOFTWARE RELIABILITY: MANY-STATE MARKOV MODELING TECHNIQUES. (PH.D. 1975 POLYTECHNIC INSTITUTE OF NEW YORK) 312p. 36/04-B, p. 1863 **BLE75-21406**

TRIVEDI, KISHOR SHRIDHARBHAI
PREPAGING AND APPLICATIONS TO STRUCTURED ARRAY PROBLEMS. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 204p. 35/11-B, p. 5383 **BLE75-11636**

TRIVETT, BOYD CLARK
DEVELOPMENT AND EVALUATION OF A PROGRAMMING LANGUAGE (APL) METHODOLOGY FOR MULTIVARIATE ANALYSIS. (PH.D. 1972 NEW MEXICO STATE UNIVERSITY) 206p. 33/07-B, p. 3376 **BLE72-32741**

TROCHET, PAUL DANIEL
AN EVALUATION OF A COMPUTER-BASED REPEATABLE TESTING PROGRAM IN A COLLEGE LEVEL PHYSICAL SCIENCE COURSE. (PH.D. 1976 THE UNIVERSITY OF MICHIGAN) 133p. 37/03-A, p. 1478 **BLE76-19261**

TROPE, YAACOV
A PROBABILISTIC INFORMATION PROCESSING APPROACH TO ATTRIBUTION PHENOMENA. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 264p. 35/07-B, p. 3651 **BLE75-00841**

TROTH, HENRY MCCARDELL
IDENTIFICATION OF A NOISY SYSTEM BY SPECTRUM ANALYSIS OF AVERAGE PULSE TESTS. (PH.D. 1974 VANDERBILT UNIVERSITY) 192p. 35/12-B, p. 5880 **BLE75-12787**

TROTTER, CHARLES EARL, JR.
A FORTRAN COMPUTER PROGRAM DESIGNED TO IDENTIFY THE PHYSICAL FACILITIES FOR PUBLIC SECONDARY SCHOOL INSTRUCTIONAL MATERIALS CENTERS. (ED.D. 1964 THE UNIVERSITY OF TENNESSEE) 172p. 25/05, p. 2888 BLE64-11160

TROUT, HAROLD ROBERT GEORGE
PARALLEL TECHNIQUES (APPLICATION TO CODING OF LINEAR FUNCTION OF MEMORY VARIABLES). (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 60p. 34/02-B, p. 630 BLE73-17481

TRUDEAU, TERENCE J.
A COMPONENT-CONTROLLED COOPERATIVE WORK EDUCATION PROGRAM UTILIZING A COMPUTER-BASED COMPONENT SELECTION SYSTEM APPLIED TO BACCALAUREATE LEVEL INDUSTRIAL TECHNOLOGY PROGRAMS. (PH.D. 1972 BOWLING GREEN STATE UNIVERSITY) 242p. 33/11-A, p. 6038 BLE73-12028

TRUESWELL, RICHARD WILLIAM
USER BEHAVIORAL PATTERNS AND REQUIREMENTS AND THEIR EFFECT ON THE POSSIBLE APPLICATIONS OF DATA PROCESSING AND COMPUTER TECHNIQUES IN A UNIVERSITY LIBRARY. (PH.D. 1964 NORTHWESTERN UNIVERSITY) 263p. 25/07, p. 4161 BLE64-12347

TSAO, ALBERT CHENG
ERGIS DATA BANK FOR LAND AND RESOURCES UTILIZATION. (PH.D. 1975 THE UNIVERSITY OF WISCONSIN - MADISON) 210p. 36/03-B, p. 1122 BLE75-18339

TSAO, CHEIN-HWA SCHULER
COMPUTER SIMULATION STUDIES OF SEMICONDUCTOR DEVICE BEHAVIOUR-APPLICATION TO PIN-DIODES. (PH.D. 1973 CARNEGIE-MELLON UNIVERSITY) 163p. 34/04-B, p. 1527 BLE73-22884

TSE, KAM-FOOK
GENERALIZATIONS OF THE B SPLINE APPROXIMATION AND THEIR APPLICATIONS TO GEOMETRIC PROBLEMS IN COMPUTER AIDED DESIGNS. (PH.D. 1975 SYRACUSE UNIVERSITY) 103p. 36/11-B, p. 5587 BLE76-07688

TSENG, JIE TSAI
COMPUTATIONAL ASPECTS OF THE OPTIMAL CONTROL OF A CLASS OF DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1971 KANSAS STATE UNIVERSITY) 175p. 32/06-B, p. 3334 BLE72-01801

TSENG, TZONG-JYH
COST EFFECTIVENESS ANALYSIS OF SHIPBOARD SEWAGE MANAGEMENT SYSTEM. (PH.D. 1973 THE UNIVERSITY OF OKLAHOMA) 212p. 34/12-B, p. 6028 BLE74-12325

TSIANG, PEGGY PUI-KEE
COMPUTER ANALYSIS OF CHEST RADIOGRAPHS USING SIZE AND SHAPE DESCRIPTORS. (PH.D. 1974 UNIVERSITY OF MISSOURI - COLUMBIA) 371p. 36/03-B, p. 1365 BLE75-20166

TSING, YUAN-HAO JOHN
COMPARISON OF DIGITAL AND ANALOG TECHNIQUES FOR AUTOMATIC FEEDBACK CONTROL. (PH.D. 1971 THE UNIVERSITY OF TEXAS AT AUSTIN) 121p. 32/10-B, p. 5737 BLE72-11429

TSOU, HSI-SHEN
ANALYSIS OF QUASILINEAR SYSTEMS WITH TWO (OR MORE) DEGREES OF FREEDOM. (PH.D. 1963 THE UNIVERSITY OF WISCONSIN - MADISON) 275p. 24/05, p. 1966 BLE63-08155

TSOURI, NISSIM
STABILITY AND OPTIMAL CONTROL OF A LARGE-CORE NUCLEAR REACTOR USING DIGITAL IMPLEMENTATION. (ENG.SC.D. 1974 COLUMBIA UNIVERSITY) 179p. 35/12-B, p. 5898 BLE75-12347

TSUCHIYA, MASAHIRO
DESIGN OF A MULTILEVEL MICROPROGRAMMABLE COMPUTER AND A HIGH-LEVEL MICROPROGRAMMING LANGUAGE. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 238p. 33/10-B, p. 4764 BLE73-07658

TSUI, FRANK
PARALLEL AND SEQUENTIAL OPERATIONS WITH ARRAY PROCESSORS. (PH.D. 1974 GEORGIA INSTITUTE OF TECHNOLOGY) 143p. 35/07-B, p. 3282 BLE75-01090

TSUNG, CHENG CHIH
STUDY OF THREE-DIMENSIONAL SUPERSONIC FLOW PROBLEMS BY A NUMERICAL METHOD BASED ON THE METHOD OF CHARACTERISTICS (SPECIALLY ADAPTED FOR USE ON HIGH SPEED ELECTRONIC DIGITAL COMPUTERS). (PH.D. 1961 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 100p. 22/01, p. 187 BLE61-01673

TU, HUNG-YUAN
THE DESIGN OF PARALLEL CHANNEL QUEUEING SYSTEMS. (PH.D. 1975 THE UNIVERSITY OF OKLAHOMA) 93p. 36/04-B, p. 1895 BLE75-21833

TU, JULIANA SHAW
TIME AND SPACE LOCALITY OF PROGRAM BEHAVIOR IN PAGED ENVIRONMENT. (PH.D. 1974 CASE WESTERN RESERVE UNIVERSITY) 136p. 35/05-B, p. 2142 BLE74-25668

TU, KUEN-CHUN
A THEORETICAL ANALYSIS OF THE DYNAMIC RESPONSE OF CONSTRUCTION CABLEWAY SYSTEMS. (PH.D. 1974 UNIVERSITY OF COLORADO AT BOULDER) 204p. 35/12-B, p. 5884 BLE75-13115

TU, PETER JING
THE USE OF ORTHONORMAL FUNCTIONS IN ADAPTIVE CONTROL SYSTEM DESIGN. (PH.D. 1966 UNIVERSITY OF DENVER) 121p. 27/06-B, p. 1935 BLE66-11780

TUAN, LE-BA
COMPUTER DESIGN AND EVALUATION OF OPTIMAL FILTERS FOR A CLASS OF SPEECH SOUNDS BY CORRELATION TECHNIQUES. (PH.D. 1971 THE OHIO STATE UNIVERSITY) 203p. 32/12-B, p. 7050 BLE72-04674

TUAN, PAUL LUNG
A SYSTEM FOR ON-LINE NETWORK PICTURE PROCESSING. (PH.D. 1970 STANFORD UNIVERSITY) 98p. 31/05-B, p. 2623 BLE70-22211

TUAZON, JESUS OCAMPO
RESIDUE NUMBER SYSTEM IN COMPUTER ARITHMETIC. (PH.D. 1969 IOWA STATE UNIVERSITY) 77p. 30/11-B, p. 5054 BLE70-07754

TUBER, RICHARD JOSEPH
THE DESIGN AND DEVELOPMENT OF A PROGRAMED INDIVIDUAL PRESENTATION SYSTEM. (PH.D. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 201p. 33/01-A, p. 228 BLE72-17520

TUCKER, PAUL THOMAS
A NEW CONTROL STRUCTURE FOR SERIALLY ORGANIZED MEMORIES IN AN INTERACTIVE COMPUTER SYSTEM. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 126p. 36/09-B, p. 4634 BLE76-06994

TUEL, WILLIAM GOLE, JR.
OPTIMAL CONTROL OF UNKNOWN SYSTEMS. (PH.D. 1965 RENSSELAER POLYTECHNIC INSTITUTE) 134p. 27/02-B, p. 483 BLE66-07620

TUFFUOR, SAMUEL
OPTIMAL PARAMETER IDENTIFICATION OF NONLINEAR, TIME-VARIANT HYDROLOGIC SYSTEM MODELS. (PH.D. 1973 COLORADO STATE UNIVERSITY) 179p. 34/06-B, p. 2610 BLE73-29065

TUMMALA, RAMAMOHAN LAL
EFFICIENT COMPUTATIONAL PROCEDURES FOR OBTAINING OPTIMAL FEEDBACK CONTROL OF DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1970 MICHIGAN STATE UNIVERSITY) 139p. 31/08-B, p. 4701 BLE71-02177

TURN, REIN
ASSIGNMENT OF INVENTORY OF A VARIABLE STRUCTURE COMPUTER. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 545p. 24/02, p. 672 BLE63-04643

TURNBLADE, RICHARD CHARLES
THE METHOD OF STEERING PARAMETERS - AN APPLICATION OF THE THEORY OF BOUNDED FUNCTIONS TO THE SYNTHESIS OF NONLINEAR CONTROL SYSTEMS. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 181p. 28/11-B, p. 4587 BLE68-07489

TURNER, ALAN KEITH FINLAY
COMPUTER-ASSISTED PROCEDURES TO GENERATE AND EVALUATE REGIONAL HIGHWAY ALTERNATIVES. (PH.D. 1969 PURDUE UNIVERSITY) 314p. 30/05-B, p. 2159 BLE69-17283

TURNER, ROGER NELSON, JR.
AMAS–A METHOD ANALYSIS SYSTEM BASED ON ANALYST-ORIENTED JOB DESCRIPTIONS. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 245p. 33/07-B, p. 3087 BLE72-29231

TUROFF, MURRAY
A COMPUTER MODEL FOR PLANETARY NEBULAE. (PH.D. 1965 BRANDEIS UNIVERSITY) 121p. 28/04-B, p. 1643 BLE65-14445

TUSSING, ROBERT THEODORE
A SURVEY OF ELECTRONIC DATA PROCESSING AND ITS POTENTIAL IMPACT UPON ACCOUNTING PROCEDURES, PERSONNEL, AND EDUCATION. (PH.D. 1957 THE UNIVERSITY OF TEXAS AT AUSTIN) 286p. 18/02, p. 445 BLE00-25180

TUTTLE, JOHN GERARD
THE HISTORICAL DEVELOPMENT OF COMPUTER CAPABILITIES WHICH PERMITTED THE USE OF THE COMPUTER AS AN EDUCATIONAL MEDIUM IN THE UNITED STATES FROM 1958 TO 1968, WITH IMPLICATIONS OF TRENDS. (PH.D. 1970 NEW YORK UNIVERSITY) 506p. 31/07-A, p. 3186 BLE70-26464

TUTTLE, RONALD HENRY
ANALYSIS OF DIGITAL LOGIC TRAINING SYSTEMS FOR INDUSTRIAL EDUCATION. (ED.D. 1974 UNIVERSITY OF NORTHERN COLORADO) 158p. 35/05-A, p. 2743 BLE74-24613

TWEDT, THOMAS M.
SIMULATION OF THE PHYSICAL SUBSYSTEM OF A MOUNTAIN STREAM ECOSYSTEM BY DIGITAL COMPUTER. (PH.D. 1975 UTAH STATE UNIVERSITY) 138p. 36/09-B, p. [illegible] BLE76-06251

TWEED, EDWARD DUKE
NUMERICAL ANALYSIS OF ELECTROMAGNETIC FIELD PROBLEMS UTILIZING HAMILTON'S PRINCIPLE. (PH.D. 1970 ARIZONA STATE UNIVERSITY) 141p. 31/06-B, p. 3414 BLE70-24411

TYLER, JAMES SCOVILL, JR.
THE SYNTHESIS OF MULTIVARIABLE CONTROL SYSTEMS THROUGH OPTIMIZATION. (D.ENG. 1965 YALE UNIVERSITY) 224p. 29/08-B, p. 2891 BLE65-07557

TYNAN, DANIEL JOSEPH
A COMPUTER CONCORD TO 'THE RED BADGE OF COURAGE,' 1895 EDITION WITH AN INTRODUCTORY ESSAY. (PH.D. 1972 THE UNIVERSITY OF WISCONSIN - MADISON) 1325p. 33/02-A, p. 769 BLE72-19010

TYRE, GARY LAWTON
THE IMPLICATIONS OF COST-BENEFIT ANALYSIS IN RECREATION SYSTEMS MANAGEMENT. (PH.D. 1972 UNIVERSITY OF GEORGIA) 145p. 33/09-B, p. 4060 BLE73-05799

TYREUS, BJOERN DANIEL
CONTROL OF MULTI-EFFECT, ENERGY CONSERVING DISTILLATION SYSTEMS. (PH.D. 1975 LEHIGH UNIVERSITY) 195p. 36/09-B, p. 4606 BLE76-05101

TZENG, CHUN-SHUN
DIFFERENTIATION OF AFFECTIVE AND DENOTATIVE MEANING SYSTEMS IN PERSONALITY RATINGS VIA THREE-MODE FACTOR ANALYSIS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 278p. 34/02-B, p. 664 BLE73-17454

U

UCKAN, YUKSEL GULTEKIN
A STUDY OF THE NUMERICAL ANALYSIS OF WAVE PROPAGATION IN SOLID MEDIA. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 166p. 32/02-B, p. 924 BLE71-21256

UHLARIK, JOHN JEFFREY
AN INFORMATION PROCESSING ANALYSIS OF ADAPTATION TO PRISMATIC DISPLACEMENT OF THE VISUAL FIELD. (PH.D. 1970 UNIVERSITY OF WASHINGTON) 108p. 31/10-B, p. 6308 BLE71-08555

UHLRICH, PAUL EUGENE
ANALYSIS OF NONLINEAR SAMPLED-DATA SYSTEMS BY FINITE-DIFFERENCE TECHNIQUES. (PH.D. 1964 THE UNIVERSITY OF WISCONSIN - MADISON) 348p. 25/04, p. 2416 BLE64-10328

ULERY, DANA LYNN
COMPUTER SCIENCE'S REINCARNATION OF FINITE DIFFERENCES. (PH.D. 1976 UNIVERSITY OF DELAWARE) 63p. 37/03-B, p. 1340 BLE76-20555

UMBACH, KENNETH WILLIAM
'POLITICUS EX MACHINA?' POLITICAL APPLICATIONS OF THE COMPUTER. (PH.D. 1974 CLAREMONT GRADUATE SCHOOL) 150p. 35/03-A, p. 1725 BLE74-20115

UMPLEBY, STUART ANSPACH
SOME APPLICATIONS OF CYBERNETICS TO SOCIAL SYSTEMS. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 135p. 36/05-A, p. 2471 BLE75-24420

UNDERKOFFLER, MILTON MONROE
COMPUTER ASSISTED INSTRUCTION IN COLLEGE GENERAL EDUCATION MATHEMATICS. (PH.D. 1969 IOWA STATE UNIVERSITY) 306p. 30/11-A, p. 4700 BLE70-07756

UNDERWOOD, STEPHEN ALAN
VISUAL LEARNING AND RECOGNITION BY COMPUTER. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 189p. 33/07-B, p. 3082 BLE73-00531

UNG, SANG TRAN
A SPECIAL-PURPOSE MULTI-PROCESSOR FOR DIRECT FUNCTIONAL IMPLEMENTATION. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 255p. 36/06-B, p. 2922 BLE75-27001

UNLU, FEVZI
CHANCE-CONSTRAINED PROGRAMMING WITH DUPLE-POTENT CONVOLUTION. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 71p. 34/01-B, p. 175 BLE73-07664

UNNIKRISHNAN, RAMAN MENON
COMPUTER-AIDED GENERATION OF STABILITY REGIONS. (PH.D. 1975 UNIVERSITY OF MISSOURI - COLUMBIA) 230p. 36/07-B, p. 3527 BLE76-01056

UPADHYAY, TRIVENI NATH
ADAPTIVE-CONTROL OF LINEAR STOCHASTIC SYSTEMS. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 210p. 34/05-B, p. 2038 BLE73-26099

UPADHYAYA, AJEYA KUMAR
DETERMINATION OF RELATIONSHIPS BETWEEN BIODEGRADABLE FRACTION AND VIABLE MASS IN ACTIVATED SLUDGE SYSTEMS AND THEIR SIGNIFICANCE IN DESIGN. (PH.D. 1973 VANDERBILT UNIVERSITY) 217p. 34/04-B, p. 1557 BLE73-25076

UPPAL, SUDARSHAN LAL
OPTIMAL CONTROL OF RETARDED SYSTEMS. (PH.D. 1967 ILLINOIS INSTITUTE OF TECHNOLOGY) 128p. 28/04-B, p. 1523 BLE67-12581

UR, HANOCH
PARAMETER VARIATIONS IN CONTROL SYSTEMS. (PH.D. 1963 POLYTECHNIC INSTITUTE OF NEW YORK) 107p. 24/07, p. 2845 BLE64-00342

USAS, ALAN MICHAEL
ERROR MANAGEMENT IN DIGITAL COMPUTER INPUT/OUTPUT SYSTEMS. (PH.D. 1976 STANFORD UNIVERSITY) 426p. 37/05-B, p. 2380 BLE76-26086

USHER, THOMAS J.
DECISION TABLES IN THE DESIGN OF GENERALIZED MANAGEMENT INFORMATION SYSTEMS. (PH.D. 1971 UNIVERSITY OF PITTSBURGH) 255p. 32/07-B, p. 4046 BLE72-04246

USUL, NURINISA
SENSITIVITY ANALYSIS OF LUMPED LINEAR SYSTEM MODELS OF THE RAINFALL-RUNOFF PROCESS. (PH.D. 1973 PURDUE UNIVERSITY) 258p. 34/05-B, p. 2016 BLE73-28153

UUSPAA, PENTTI TAPIO
MODELLING AND PARAMETER SENSITIVITY OF PULSE-FREQUENCY MODULATED CONTROL SYSTEMS. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 252p. 34/08-B, p. 3824 BLE74-02282

UYAR, KIVILCIM MEHMET
ANALYSIS OF MAKE-BUY PROBLEMS WITH MATHEMATICAL PROGRAMMING TECHNIQUES. (D.B.A. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 132p. 32/08-A, p. 4190 BLE72-07092

UZGIRIS, SARUNAS C.
CONTROL OF DISTRIBUTED PARAMETER SYSTEMS WITH NONLINEAR BOUNDARY CONDITIONS. (PH.D. 1966 ILLINOIS INSTITUTE OF TECHNOLOGY) 128p. 27/06-B, p. 1952 BLE66-10482

V

VACHTSEVANOS, GEORGE JOHN
CONDITIONAL OPTIMIZATION OF NONLINEAR ADAPTIVE CONTROL SYSTEMS. (PH.D. 1970 CITY UNIVERSITY OF NEW YORK) 243p. 31/06-B, p. 3415 BLE70-24498

VADHANAPHUTI, BOONYOK
A STUDY OF TRANSIENT STABILITY OF A MULTI-MACHINE POWER SYSTEM USING DIGITAL COMPUTER TECHNIQUES. (PH.D. 1964 UNIVERSITY OF MISSOURI - COLUMBIA) 144p. 25/10, p. 5836 BLE65-01093

VAIDA, MICHAEL L.
SYNSEF: A FORTRAN SYNTAX SENSITIVE EDITOR AND AUTOFLOWCHARTER AND A COMPUTATION OF ACCURATE WAVEFUNCTIONS FOR THE HYDROGEN MOLECULE. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, DAVIS) 144p. 35/01-B, p. 183 BLE74-16297

VALDEZ, MICHAEL E.
ADAPTIVE MONITORING OF ELECTRIC POWER SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF IOWA) 103p. 33/04-B, p. 1557 BLE72-26752

VALENTIN, RICHARD ALAN
APPLICATIONS OF FUNCTIONAL ANALYSIS TO OPTIMAL NUMERICAL APPROXIMATION FOR ANALYTIC FUNCTIONS. (PH.D. 1965 BROWN UNIVERSITY) 111p. 26/06, p. 3383 BLE65-13698

VALENTINE, FORREST THERRILL
THE ABSOLUTE STABILITY OF A NONLINEAR CONTROL SYSTEM. (PH.D. 1965 TEXAS A&M UNIVERSITY) 110p. 26/11, p. 6614 BLE66-02450

VALLENI, ROBERT RICHARD
CONTROL OF STOCHASTIC LINEAR DISCRETE SYSTEMS WITH RANDOM PARAMETERS. (PH.D. 1969 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 62p. 31/02-B, p. 694 BLE70-13524

VAN ANTWERP, DACIA
A STUDY OF COMPUTER ASSISTED INSTRUCTION AND THE LECTURE METHOD IN THE PRESENTATION OF COLLEGE ECONOMICS. (PH.D. 1974 MICHIGAN STATE UNIVERSITY) 135p.
35/10-A, p. 6445 BLE75-07270

VAN BELLE, JOHN JAMES
AN ANALYSIS OF OBJECTIVE INDICATORS OF SPECULATIVE ACTIVITY UNDER A SYSTEM OF FLEXIBLE EXCHANGE RATES. (PH.D. 1974 UNIVERSITY OF VIRGINIA) 346p.
34/12-A, p. 7457 BLE74-12669

VAN DAM, ANDRIES
A STUDY OF DIGITAL PROCESSING OF PICTORIAL DATA. (PH.D. 1966 UNIVERSITY OF PENNSYLVANIA) 246p. 27/05-B, p. 1480 BLE66-10679

VAN DAM, EDWIN MARC
THE EFFECT OF STEREOELECTRONIC CONTROL AND LONG RANGE INTERACTION ON THE STABILITY OF BICYCLIC ENOLATE ANIONS. (PH.D. 1972 WESTERN MICHIGAN UNIVERSITY) 102p.
33/10-B, p. 4735 BLE73-10384

VAN DE GOOR, ADRIANUS
DESIGN AND BEHAVIOR OF TSS/8: A PDP-8 BASED TIME-SHARING SYSTEM. (PH.D. 1970 CARNEGIE-MELLON UNIVERSITY) 211p.
31/05-B, p. 2688 BLE70-21600

VANDENBOOM, JERRY L.
A COMPLETE DIGITAL COMPUTER SCHEME FOR THE REPRESENTATION AND PREDICTION OF GASEOUS P-V-T DATA AND VAPOR-LIQUID PHASE BEHAVIOR OF PURE COMPONENTS AND MIXTURES. (PH.D. 1964 UNIVERSITY OF KANSAS) 304p.
26/01, p. 255 BLE65-07006

VANDENBORN, HERMAN WILCO
PART I: COMPUTER ANALYSIS OF CYCLIC VOLTAMMETRIC DATA. PART II: ELECTROCHEMICAL OXIDATION OF THE ENOLATE OF DIBENZOYLMETHANE. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 214p.
34/10-B, p. 4861 BLE74-00610

VAN DEN HEEVER, RUDOLF JOHANNES
COMPUTER TIME-SHARING PRIORITY SYSTEMS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 80p.
31/02-B, p. 700 BLE70-13187

VANDER KOOI, LAMBERT RAY
MINIMAX CONTROL OF CONTINUOUS TIME STOCHASTIC SYSTEMS. (PH.D. 1968 THE UNIVERSITY OF MICHIGAN) 121p.
29/08-B, p. 2891 BLE69-02400

VANDER LUGT, GARRET ALAN
THE LEARN SYSTEM FOR COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1974 WESTERN MICHIGAN UNIVERSITY) 662p. 35/06-A, p. 3582 BLE74-28856

VANDER MEY, JAMES EDWIN
AN INVESTIGATION OF COMMUNICATIONS METHODS FOR MINI-COMPUTER SYSTEMS WITH MULTIPLE LOW SPEED TERMINALS. (PH.D. 1970 THE PENNSYLVANIA STATE UNIVERSITY) 208p.
32/01-B, p. 232 BLE71-16682

VANDERPOL, ALVIN HENRY
A SYSTEMATIC APPROACH FOR COMPUTER ANALYSIS OF AIR CHEMISTRY DATA. (PH.D. 1975 UNIVERSITY OF WASHINGTON) 121p.
36/06-B, p. 2696 BLE75-28467

VANDER STOEP, DONALD ROY
SYNTHESIS OF OPTIMAL PULSE FREQUENCY MODULATED CONTROL SYSTEMS. (PH.D. 1967 UNIVERSITY OF WASHINGTON) 146p.
28/05-B, p. 1945 BLE67-14229

VAN DOREN, JAMES ROBERT
AN EXPERIMENTAL COMPILER-COMPILER SYSTEM. (PH.D. 1971 IOWA STATE UNIVERSITY) 333p.
32/08-B, p. 4538 BLE72-05264

VAN DUSEN, GEORGE MERRILL
APPLICATIONS OF A COMPUTER SIMULATION MODEL TO LOGISTICAL DECISIONS IN A UNIVERSITY. (PH.D. 1969 MICHIGAN STATE UNIVERSITY) 174p.
30/06-A, p. 2315 BLE69-20949

VANEVERY, HAROLYN JEAN FILBON
THE APPLICATION OF A COMPUTER ASSISTED TEACHER-TRAINING SYSTEM TO SPEECH THERAPIST TRAINING. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 213p. 32/11-A, p. 6279 BLE72-15030

VAN GELDER, ARTHUR, JR.
TIME SUB-OPTIMAL CONTROL OF A CLASS OF LINEAR SYSTEMS SUBJECT TO SEVERAL SIMULTANEOUS INPUT CONSTRAINTS. (PH.D. 1968 CITY UNIVERSITY OF NEW YORK) 120p.
29/05-B, p. 1660 BLE68-15966

VAN HORN, RICHARD L.
ELEMENTS OF AN INFORMATION AND DECISION SYSTEM FOR ASSEMBLY SCHEDULING: AN APPLICATION TO AIRCRAFT MAINTENANCE. (PH.D. 1976 CARNEGIE-MELLON UNIVERSITY) 283p.
37/04-A, p. 2209 BLE76-21923

VAN HOVEN, GERARD CHARLES
NONLINEAR EFFECTS IN LONGITUDINAL ELECTRON-STREAM SLOW-WAVEGUIDE SYSTEMS. (PH.D. 1963 STANFORD UNIVERSITY) 98p.
24/08, p. 3378 BLE64-01666

VAN LANDINGHAM, HUGH FOCH
CRITERIA FOR APPROXIMATE SOLUTIONS OF LINEAR TIME-VARYING DIFFERENTIAL SYSTEMS. (PH.D. 1967 CORNELL UNIVERSITY) 180p.
28/06-B, p. 2435 BLE67-16376

VAN NOOTEN, BAREND ADRIAN ANSKE JOHANNES
MAHABHARATA TEXT ANALYSIS WITH THE AID OF THE DIGITAL COMPUTER. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, BERKELEY) 637p.
28/04-A, p. 1422 BLE64-08314

VAN RIJN, PAUL PETER
AN INFORMATION PROCESSING ANALYSIS OF A TWO-TRIAL INFERENCE TASK. (PH.D. 1974 UNIVERSITY OF COLORADO AT BOULDER) 178p.
35/04-B, p. 1954 BLE74-22404

VAN SCHIEVEEN, HENDRIK MICHIEL
A PROJECTION METHOD FOR THE NUMERICAL SOLUTION OF A SYSTEM OF FIRST-ORDER NONLINEAR DIFFERENTIAL EQUATIONS WITH MIXED BOUNDARY CONDITIONS. (PH.D. 1975 THE UNIVERSITY OF MICHIGAN) 235p.
36/03-B, p. 1317 BLE75-20469

VAN SLYKE, RICHARD MAURICE
MATHEMATICAL PROGRAMMING AND OPTIMAL CONTROL. (PH.D. 1965 UNIVERSITY OF CALIFORNIA, BERKELEY) 132p. 26/02, p. 1075 BLE65-08267

VAN VOORHEES, SYLVIA NASH
RATE OF INFORMATION-PROCESSING AS A VARIABLE OF CRITICAL READING. (ED.D. 1974 HOFSTRA UNIVERSITY) 101p.
35/09-A, p. 5942 BLE74-26363

VAN VOORHIS, DAVID CURTIS
EFFICIENT SORTING NETWORKS. (PH.D. 1972 STANFORD UNIVERSITY) 194p.
32/12-B, p. 6974 BLE72-16810

VAN VOORHIS, KENNETH ROBERT
THE IMPACT OF THE COMPUTER ON THE NATURE AND PERFORMANCE OF TRADITIONAL MANAGEMENT FUNCTIONS. (D.B.A. 1971 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 253p.
32/12-A, p. 6616 BLE72-17617

VAN WIEREN, RONALD LEE
OPTIMAL APERIODIC SAMPLING FOR SIGNAL REPRESENTATION AND SYSTEM CONTROL. (PH.D. 1975 MICHIGAN STATE UNIVERSITY) 157p.
36/12-B, p. 6343 BLE76-12538

VAN ZANTEN, ANTON THEODOOR
OPTIMAL CONTROL OF THE TRACTOR-SEMITRAILER TRUCK. (PH.D. 1973 CORNELL UNIVERSITY) 392p.
34/12-B, p. 6020 BLE74-12653

VARADACHARY, V. S.
COMPUTER ANALYSIS OF ELASTIC-PLASTIC TWO-DIMENSIONAL RIGID-JOINT FRAMES. (PH.D. 1967 UNIVERSITY OF KANSAS) 132p.
28/08-B, p. 3322 BLE68-00643

VARAIYA, PRAVIN PRATAP
NONLINEAR PROGRAMMING AND OPTIMAL CONTROL. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 63p. 27/03-B, p. 827 BLE66-08414

VARANASI, MURALIDHARA RAO
SYSTEMATIC CODES AND THEIR APPLICATIONS TO COMPUTER SYSTEMS. (PH.D. 1973 UNIVERSITY OF MARYLAND) 126p. 34/09-B, p. 4365 BLE74-06744

VARIN, DENNIS LAWRENCE
AN ANALYSIS OF A COMPUTER-ASSISTED LABORATORY METHOD OF INSTRUCTION IN ELEMENTARY BUSINESS STATISTICS. (PH.D. 1976 OREGON STATE UNIVERSITY) 177p.
36/07-A, p. 4208 BLE75-29991

VARNER, GEORGE CLIFFORD
A METHOD OF APPROXIMATION FOR THE DETERMINATION OF THE TRANSIENT RESPONSE OF NONLINEAR FEEDBACK CONTROL SYSTEMS. (PH.D. 1967 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 121p. 28/08-B, p. 3303 BLE68-02076

VARNEY, ROBERT CHARLES
PST (PROCESS-SELECTOR-TREE)–A TREE STRUCTURED OPERATING SYSTEM. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 172p.
34/04-B, p. 1467 BLE73-24047

VARSHNEY, RAJ KUMAR
REDUCED-ORDER SENSITIVITY MODELS OF LINEAR SYSTEMS WITH APPLICATIONS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 206p. 33/01-B, p. 205 BLE72-19949

VASSOS, SONYA THOMAS
A STUDY OF ATTITUDES TOWARD THE GUIDANCE DEPARTMENT AND THE COLLEGE-COUNSELING PROCESS AS A RESULT OF EMPLOYING COMPUTER-ASSISTED COLLEGE SELECTION. (PH.D. 1970 THE OHIO STATE UNIVERSITY) 118p.
31/07-A, p. 3282 BLE70-26379

VATTI, RAJA RAMAMOHANARAO
MATHEMATICAL PROGRAMMING IN MEDIA SELECTION AND SCHEDULING. (PH.D. 1972 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 175p. 33/12-B, p. 5849 BLE73-09103

VAUGHN, MILFORD ALFONSO
THE COMPLEXITIES OF IMPLEMENTING A MANAGEMENT INFORMATION SYSTEM (AN ANALYSIS OF THE IMPLEMENTATION OF THE RESOURCE MANAGEMENT AND INFORMATION SYSTEM AT FEDERAL CITY COLLEGE). (ED.D. 1976 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 305p. 36/08-A, p. 4950 BLE76-02093

VEDEJS, ARTHUR G.
SPECIFICATION OF PERFORMANCE INDEX PARAMETERS IN LINEAR SYSTEM SYNTHESIS. (PH.D. 1970 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 182p.
32/01-B, p. 325 BLE71-18640

VEMURI, VENKATESWARARAO
IDENTIFICATION OF NONLINEAR PARAMETERS IN DISTRIBUTED SYSTEMS: A HYBRID COMPUTER APPROACH. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 222p.
29/06-B, p. 2046 BLE68-16591

VENERUSO, ANTHONY FRANK
REALIZATION OF NEAR-TIME-OPTIMAL CONTROL. (PH.D. 1971 THE UNIVERSITY OF NEW MEXICO) 187p. 32/02-B, p. 950 BLE71-19320

VENKATA, SUBRAHMANYAM SARASWATI
SENSITIVITY ANALYSIS AND SIMULATION OF POWER SYSTEM STABILITY USING POPOV'S METHOD. (PH.D. 1971 UNIVERSITY OF SOUTH CAROLINA) 243p. 32/02-B, p. 951 BLE71-21664

VENKATARAMANI, RAJARAMAN
MATHEMATICAL PROGRAMMING APPLICATIONS IN THE CRUSHED STONE INDUSTRY. (PH.D. 1970 THE PENNSYLVANIA STATE UNIVERSITY) 127p.
32/01-B, p. 335 BLE71-16663

VENZON, RAUL MELENCIO
ON THE ENTRAINMENT PHENOMENON FOR A CLASS OF NONLINEAR SYSTEMS. (PH.D. 1974 ILLINOIS INSTITUTE OF TECHNOLOGY) 230p.
35/12-B, p. 5923 BLE75-12819

VERBIC, BRANISLAV
ANALYSIS OF CERTAIN STRUCTURE-FOUNDATION INTERACTION SYSTEMS. (PH.D. 1973 RICE UNIVERSITY) 168p. 34/03-B, p. 1100 BLE73-21614

VERBRUGGE, WILLIAM G.
IMPLEMENTATION OF NCHEMS(+ NATIONAL CENTRE OF HIGHER EDUCATION AND MANAGEMENT SYSTEMS) AND OTHER PLANNING AND MANAGEMENT SYSTEMS: SMALL COLLEGE LEVEL. (PH.D. 1974 PURDUE UNIVERSITY) 140p.
36/02-B, p. 818 BLE75-17290

VERMA, MANGAL PRASAD
COMPUTER SOLUTION FOR THE NONLINEAR PARTIAL DIFFERENTIAL EQUATIONS FOR A P-N DIODE. (PH.D. 1967 UNIVERSITY OF MISSOURI - COLUMBIA) 81p.
28/05-B, p. 1946 BLE67-13873

VERMEYCHUK, J. GREGORY
OPTIMAL AND SUBOPTIMAL CONTROL OF DISTRIBUTED PARAMETER SYSTEMS. (PH.D. 1972 PRINCETON UNIVERSITY) 223p.
33/05-B, p. 2055 BLE72-29636

VERNOY, MARK WAYNE
ADAPTATION TO CURVATURE: AN INFORMATION PROCESSING APPROACH. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, IRVINE) 132p.
36/10-B, p. 5319 BLE76-07257

VERSACE, JOHN ANDREW
AN EXPERIMENTAL ANALYSIS OF THE EFFECT OF LOAD AND COMMUNICATIONS ON A COMPLEX MAN - MACHINE SYSTEM. (PH.D. 1955 THE OHIO STATE UNIVERSITY) 119p. 16/04, p. 806 BLE00-16103

VERSPRILLE, KENNETH JAMES
COMPUTER-AIDED DESIGN APPLICATIONS OF THE RATIONAL B-SPLINE APPROXIMATION FORM. (PH.D. 1975 SYRACUSE UNIVERSITY) 123p.
36/10-B, p. 5145 BLE76-07690

VETTER, KEITH HARRY
A TECHNIQUE FOR THE NONLINEAR MODELLING OF A CLASS OF INDUSTRIAL SYSTEMS. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 363p.
32/06-B, p. 3370 BLE72-00119

VICENS, PIERRE JULES LOUIS EDMOND
ASPECTS OF SPEECH RECOGNITION BY COMPUTER. (PH.D. 1969 STANFORD UNIVERSITY) 226p.
30/08-B, p. 3766 BLE70-01623

VICKERS, FRANK DOW
RW-300 FORTRAN: A COMPILING SYSTEM FOR THE RW-300 DIGITAL COMPUTER. (PH.D. 1964 THE UNIVERSITY OF FLORIDA) 163p.
25/06, p. 3484 BLE64-11646

VICKREY, DON WILLIAM
AN ANALYSIS OF THE MAJOR NUMERICAL ASSIGNMENTS OF THREE FREQUENTLY ADVOCATED ACCOUNTING SYSTEMS FROM THE PERSPECTIVE OF THE THEORY OF FUNDAMENTAL MEASUREMENT. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 264p. 36/02-A, p. 953 BLE75-16753

VIJAYADITYA, NARASIMHDEVARA
COMBINATORIAL INFORMATION RETRIEVAL SCHEMES. (PH.D. 1972 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 149p.
33/08-B, p. 4026 BLE73-04884

VIJAYARAGHAVAN, ALWAR
FREE AND FORCED OSCILLATIONS IN A CLASS OF PIECEWISE-LINEAR DYNAMIC SYSTEMS. (PH.D. 1971 CALIFORNIA INSTITUTE OF TECHNOLOGY) 114p.
32/04-B, p. 2189 BLE71-26132

VILLANUEVA, JULIO ESTUARDO
SOME EXECUTION-TIME PROPERTIES OF OPTIMAL SCHEDULES IN MULTIPROCESSOR SYSTEMS. (PH.D. 1975 IOWA STATE UNIVERSITY) 123p.
36/05-B, p. 2358 BLE75-25366

VILLARREAL, JOSE, JR.
A GENERAL MODEL FOR STORAGE AND RETRIEVAL OF CHEMICAL STRUCTURES. (PH.D. 1974 TEXAS A&M UNIVERSITY) 230p.
36/01-B, p. 330 BLE75-16079

VIMOLVANICH, VALLOBH
SYNTHESIS OF MODEL REFERENCE ADAPTIVE CONTROL FOR LINEAR SYSTEMS WITH TIME DELAY. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, DAVIS) 122p. 30/04-B, p. 1695 BLE69-16378

VINCENT, NANETTE LEVINE
A DEVELOPMENTAL STUDY OF PERCEPTUAL PROCESSING OF PICTORIAL STIMULUS INFORMATION. (PH.D. 1971 UNIVERSITY OF MARYLAND) 136p. 32/06-B, p. 3679 BLE72-01666

VIRMANI, SUDHIR
AN ANALYSIS OF TRANSMISSION LINES ON THE SAME RIGHT-OF-WAY USING DIGITALLY SIMULATED HYBRID COMPUTER. (PH.D. 1967 THE UNIVERSITY OF WISCONSIN - MADISON) 148p.
28/08-B, p. 3289 BLE67-12487

VIRUPAKSHA, KRISHNAMOORTHY
ENTROPY CODED ADAPTIVE DIFFERENTIAL PULSE CODE MODULATION SYSTEMS FOR SPEECH SIGNALS. (PH.D. 1973 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 93p. 34/09-B, p. 4385 BLE74-05483

VISHNUBHOTLA, SARMA R.
FAULT DIAGNOSIS IN COMPUTER SYSTEMS. (SC.D. 1973 WASHINGTON UNIVERSITY) 139p.
34/04-B, p. 1468 BLE73-24926

VISWANATHAN, LAKSHMINARASIMHAN
THE DESIGN OF LINEAR CONTROL SYSTEMS BY POLE ASSIGNMENT AND OPTIMIZATION. (PH.D. 1972 CARNEGIE-MELLON UNIVERSITY) 162p.
33/03-B, p. 1123 BLE72-23221

VITHAYATHIL, FRANCIS JOSEPH
HYBRID COMPUTER SIMULATION OF WIND-DRIVEN OCEAN CURRENTS. (PH.D. 1975 OREGON STATE UNIVERSITY) 107p. 35/07-B, p. 3333 BLE74-29738

VITO, RAYMOND P.
NONLINEAR VIBRATIONS OF CERTAIN CONSERVATIVE SYSTEMS WITH TWO DEGREES OF FREEDOM. (PH.D. 1971 CORNELL UNIVERSITY) 181p.
32/05-B, p. 2769 BLE71-28270

VLACK, DAVID
COMPUTER SIMULATION OF DIGITAL SYSTEMS ON THE HARDWARE LEVEL. (PH.D. 1967 CASE WESTERN RESERVE UNIVERSITY) 193p.
28/06-B, p. 2435 BLE67-16106

VLAHUTIN, PAUL ANDREW
POWER SYSTEM TRANSIENT STABILITY ASSESSMENT BY PATTERN RECOGNITION. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 122p.
32/06-B, p. 3370 BLE72-00118

VOITH, RAYMOND P.
ORDER IMPLICANTS FOR MINIMIZATION OF UNIVERSAL LOGIC MODULE CIRCUITS. (PH.D. 1970 UNIVERSITY OF PITTSBURGH) 99p.
31/05-B, p. 2689 BLE70-23239

VOLANSKY, SAUL AARON
GRAPH MODEL ANALYSIS AND IMPLEMENTATION OF COMPUTATIONAL SEQUENCES. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 187p. 31/07-B, p. 3883 BLE71-00722

VOLLUM, MURIEL ARLENE
THE EFFECTIVENESS OF PROCTOR INTERACTION IN COMPUTER-ASSISTED INSTRUCTION IN RELATION TO CERTAIN ADULT CHARACTERISTICS. (ED.D. 1971 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 128p. 32/03-A, p. 1255 BLE71-24361

VON FELDT, JAMES RONALD
COMPUTER-ASSISTED INSTRUCTION IN THE PUBLIC SCHOOL GENERAL MUSIC CLASS: A COMPARATIVE STUDY. (D.M.A. 1971 UNIVERSITY OF MISSOURI - KANSAS CITY) 107p. 33/05-A, p. 2418 BLE72-29469

VON KONIGSLOW, RAINER
A COGNITIVE PROCESS MODEL OF PERSON EVALUATION AND IMPRESSION FORMATION BASED ON A COMPUTER SIMULATION OF NATURAL LANGUAGE PROCESSING. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 373p. 35/11-B, p. 5703 BLE75-10326

VON MICKWITZ, MARIA
THE EFFECT OF TYPE AND AMOUNT OF FAMILIARIZATION TRAINING ON PATTERN RECOGNITION. (PH.D. 1973 UNIVERSITY OF PITTSBURGH) 184p. 34/06-B, p. 2882 BLE73-27161

VON RAMM, OLAF THOMAS
A REAL-TIME DIGITALLY-CONTROLLED ULTRASOUND IMAGING SYSTEM. (PH.D. 1973 DUKE UNIVERSITY) 112p. 34/11-B, p. 5437 BLE74-10758

VOORHIES, DONALD JOSEPH
HUMAN INFORMATION PROCESSING CAPACITY. (PH.D. 1973 UNIVERSITY OF PENNSYLVANIA) 209p. 34/12-A, p. 7601 BLE74-14182

VOSBURY, NEWMAN ARTHUR
A DATA-RETRIEVAL SYSTEM WITH HIGH STORAGE EFFICIENCY AND A COMPUTER BASED INSTRUCTIONAL SYSTEM. (PH.D. 1973 THE UNIVERSITY OF OKLAHOMA) 186p. 34/06-B, p. 2763 BLE73-31494

VREEKE, SIMON ABRAHAM
COMPUTER AIDED ANALYSIS OF NUCLEAR REACTOR KINETICS. (PH.D. 1969 UNIVERSITY OF UTAH) 270p. 30/05-B, p. 2223 BLE69-18668

VUILLEMIN, JEAN ETIENNE
PROOF-TECHNIQUES FOR RECURSIVE PROGRAMS. (PH.D. 1974 STANFORD UNIVERSITY) 102p. 34/12-B, p. 5946 BLE74-13700

W

WAAS, ROY CADWELL
A DIGITAL OPTICAL SCANNING SYSTEM FOR KINEMATIC ANALYSIS. (PH.D. 1969 CASE WESTERN RESERVE UNIVERSITY) 180p. 31/06-B, p. 3328 BLE70-26007

WACHSPRESS, DAVID P.
THE EFFECTS OF INPUT PATTERN IN THE VISUAL INFORMATION PROCESSING SYSTEM. (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 87p. 35/01-B, p. 559 BLE73-28570

WADA, RONALD YUTAKA
A CRITICAL ASSESSMENT OF THE ROLE OF COMPUTER MODELS IN AIR QUALITY PLANNING AND DECISION-MAKING. (D.ENV. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 193p. 36/06-B, p. 2886 BLE75-27003

WADE, JAMES FREDERICK
A MATHEMATICAL INVESTIGATION OF THE EFFECTS OF COMPUTER ARCHITECTURAL FEATURES ON PROGRAM SIZE. (PH.D. 1976 UNIVERSITY OF MISSOURI - ROLLA) 106p. 37/01-B, p. 341 BLE76-14616

WAESPY, CHARLES MATTHEW
AN APPLICATION OF LINEAR PROGRAMMING TO MINIMUM FUEL OPTIMAL CONTROL. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 185p. 28/05-B, p. 1901 BLE67-14289

WAGLIARDO, JOHN J.
A CRITICAL ANALYSIS OF THE USE OF DATA PROCESSING SYSTEMS IN STUDENT PERSONNEL SERVICES. (PH.D. 1971 EAST TEXAS STATE UNIVERSITY) 150p. 32/09-A, p. 4971 BLE72-10811

WAGNER, CHARLES RUSSELL
THE CPA'S RESPONSIBILITY FOR THE PREVENTION AND DETECTION OF COMPUTER FRAUD. (PH.D. 1976 THE UNIVERSITY OF NEBRASKA - LINCOLN) 288p. 37/05-A, p. 2987 BLE76-25696

WAGNER, FREDRICK WALTER
LEISURE INFORMATION AND URBAN RECREATION PLANNING: A CONSUMER-ORIENTED APPROACH AND CASE STUDY OF THE LEISURE INFORMATION RETRIEVAL SYSTEM. (PH.D. 1974 UNIVERSITY OF WASHINGTON) 337p. 35/07-A, p. 4749 BLE74-29619

WAGNER, GERALD EUGENE
AN ANALYSIS OF PRESENT HIGH SCHOOL DATA-PROCESSING COURSES WITH IMPLICATIONS FOR THE ACADEMIC PREPARATION OF HIGH SCHOOL DATA-PROCESSING TEACHERS. (ED.D. 1973 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 151p. 34/07-A, p. 4071 BLE73-32084

WAGNER, IVAN D.
THE STATUS OF DATA-PROCESSING SERVICES IN THE PUBLIC SCHOOLS OF INDIANA WITH SUPPORTING CASE STUDIES REVEALING PATTERNS OF ORGANIZATION OF EXISTING REGIONAL DATA-PROCESSING CENTERS IN ADJOINING STATES. (ED.D. 1970 BALL STATE UNIVERSITY) 228p. 31/07-A, p. 3247 BLE71-01784

WAGNER, JOHN ARTHUR
PARAMETER ESTIMATION IN SYSTEM MODELING USING MAN-MACHINE INTERACTION AND COMPUTER LEARNING. (PH.D. 1970 OREGON STATE UNIVERSITY) 92p. 31/04-B, p. 1984 BLE70-18068

WAGNER, LAWRENCE CARL
MASS SPECTROMETRIC TECHNIQUES: (1) FRAGMENTATION ANALYSIS OF THE SILVER-CHLORIDE AND CUPEROUS-CHLORIDE SYSTEMS BY THE ANGULAR DISTRIBUTION METHOD; (2) DETECTOR GEOMETRY CORRECTION IN ANGULAR NUMBER DISTRIBUTION MEASUREMENTS; (3) A METHOD FOR THE DETERMINATION OF RELATIVE IONIZATION CROSS-SECTIONS. (PH.D. 1974 PURDUE UNIVERSITY) 143p. 35/11-B, p. 5371 BLE75-10877

WAGNER, ROBERT F.
EVEN PARITY STATES OF THE FIVE NUCLEON SYSTEM; AN APPLICATION TO DEUTERON-TRITON PHOTO-CAPTURE. (PH.D. 1970 THE CATHOLIC UNIVERSITY OF AMERICA) 61p. 31/03-B, p. 1474 BLE70-14156

WAGNER, WILLIAM STEPHEN
ANALYTICAL METHODS FOR A CLASS OF NONLINEAR SYSTEMS. (PH.D. 1967 UNIVERSITY OF CINCINNATI) 102p. 28/08-B, p. 3290 BLE67-15877

WAHL, EDWARD FRANCIS
THE PRACTICAL PREDICTION OF BINARY DISTILLATION COLUMN TRANSFER FUNCTIONS AND AN ANALYSIS OF THE SINGLE POINT CONTROL SYSTEM. (PH.D. 1967 CORNELL UNIVERSITY) 346p. 28/09-B, p. 3694 BLE68-03519

WAID, REX ADNEY
PATTERN RECOGNITION USING CHEBYCHEV POLYNOMIAL DISCRIMINANT FUNCTIONS. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 158p. 30/01-B, p. 211 BLE69-01016

WAINWRIGHT, ROGER L.
ALGORITHMS FOR PROJECTION METHODS FOR SOLVING LINEAR SYSTEMS OF EQUATIONS. (PH.D. 1974 IOWA STATE UNIVERSITY) 141p. 35/05-B, p. 2142 BLE74-23772

WAJDA, ROBERT ANDREW
A STUDY OF STUDENTS' ANXIETY AND SELF-ESTEEM IN A COMPUTER-MANAGED PROGRAM OF INSTRUCTION AND IN A NON-COMPUTER-MANAGED PROGRAM OF INSTRUCTION IN GRADES FOUR THROUGH EIGHT. (ED.D. 1974 NORTHERN ILLINOIS UNIVERSITY) 71p. 35/08-A, p. 5140 BLE75-02318

WAKERLY, JOHN FRANCIS
LOW-COST ERROR DETECTION TECHNIQUES FOR SMALL COMPUTERS. (PH.D. 1974 STANFORD UNIVERSITY) 232p. 34/12-B, p. 6003 BLE74-13702

WAKLEY, WILLIAM DUANE
STABILITY CONSTANTS OF TIN-PYROCATECHOL VIOLET COMPLEXES FROM COMPUTER ANALYSIS OF SPECTRAL DATA. (PH.D. 1970 OKLAHOMA STATE UNIVERSITY) 201p. 31/11-B, p. 6468 BLE71-11296

WALD, BRUCE
THE THROUGHPUT AND COST EFFECTIVENESS OF MONOPROGRAMMED, MULTIPROGRAMMED, AND MULTIPROCESSING DIGITAL COMPUTERS. (PH.D. 1967 UNIVERSITY OF MARYLAND) 130p. 28/09-B, p. 3715 BLE68-03384

WALDBAUM, GERALD
PATTERN RECOGNITION STUDIES IN THE VISUAL PROCESSING OF STRAIGHT-LINE SEGMENTS. (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 173p. 35/01-B, p. 559 BLE74-15938

WALDEN, J.B.
IDENTIFICATION OF CONTENT FOR DATA PROCESSING CURRICULUM BY THE JURY METHOD. (PH.D. 1968 COLORADO STATE UNIVERSITY) 168p. 29/10-A, p. 3512 BLE69-05496

WALDEN, JACK MILFRED
DIGITAL COMPUTER ANALYSIS OF SYSTEMS WITH NONLINEAR ELEMENTS. (PH.D. 1966 OKLAHOMA STATE UNIVERSITY) 130p. 27/12-B, p. 4403 BLE67-07308

WALDEN, JOHN MARKLA
PARTIAL OPEN-LOOP CONTROL OF LINEAR REGULATOR SYSTEMS WITH INCOMPLETE STATE FEEDBACK. (PH.D. 1970 MISSISSIPPI STATE UNIVERSITY) 71p. 31/09-B, p. 5374 BLE71-06816

WALDMAN, LOUIS ABRAHAM
A DIGITAL COMPUTER SOLUTION OF THE COUPLED NONLINEAR EQUATIONS GOVERNING SPHERICAL PHASE GROWTH. (PH.D. 1964 UNIVERSITY OF PITTSBURGH) 170p. 26/04, p. 2089 BLE65-06260

WALFORD, ROBERT BERNARD
A BAYESIAN APPROACH TO NONLINEAR SYSTEM IDENTIFICATION. (PH.D. 1967 UNIVERSITY OF SOUTHERN CALIFORNIA) 140p. 28/03-B, p. 907 BLE67-10776

WALINCHUS, ROBERT JOSEPH
ADAPTIVE SUB-OPTIMAL CONTROL BASED ON MINIMAX-DEVIATION. (PH.D. 1966 THE JOHNS HOPKINS UNIVERSITY) 140p. 27/10-B, p. 3522 BLE67-03010

WALKER, GRAYSON HOWARD
AMPLITUDE INSTABILITIES IN SYSTEMS OF NONLINEAR COUPLED OSCILLATORS. (PH.D. 1969 GEORGIA INSTITUTE OF TECHNOLOGY) 139p. 30/12-B, p. 5625 BLE69-19796

WALKER, JOHN ANDREW
AN INTEGRAL METHOD OF LIAPUNOV FUNCTION GENERATION FOR NONLINEAR AUTONOMOUS SYSTEMS. (PH.D. 1964 THE UNIVERSITY OF TEXAS AT AUSTIN) 136p. 25/05, p. 2915 BLE64-11663

WALKER, JOSEPH JAMES
A PROGRAMMED INSTRUMENT FOR INTRODUCING SELF-ASSESSMENT AND THE FLANDERS VERBAL INTERACTION ANALYSIS SYSTEM. (ED.D. 1972 LOYOLA UNIVERSITY OF CHICAGO) 152p. 33/10-A, p. 5606 BLE73-09397

WALL, EDWARD THOMAS
THE GENERATION OF LIAPUNOV FUNCTIONS IN AUTOMATIC CONTROL THEORY BY AN ENERGY METRIC ALGORITHM. (PH.D. 1967 UNIVERSITY OF DENVER) 135p. 28/06-B, p. 2435 BLE67-16607

WALL, KENT DELL
AGGREGATION AND DECOMPOSITION IN PROBLEMS OF OPTIMAL ESTIMATION AND CONTROL. (PH.D. 1971 UNIVERSITY OF MINNESOTA) 130p. 32/03-B, p. 1586 BLE71-22277

WALL, LEWIS ELMO
DATA PROCESSING INSTITUTE EVALUATION. (PH.D. 1968 COLORADO STATE UNIVERSITY) 224p. 29/10-A, p. 3512 BLE69-05486

WALL, ROBERT EDGAR, JR.
THE DIGITAL DATA-PROCESSING PROBLEM OF MACHINE TRANSLATION OF RUSSIAN TO ENGLISH. (PH.D. 1959 UNIVERSITY OF WASHINGTON) 181p. 20/10, p. 4064 BLE60-00677

WALLACE, DAVID CAMPBELL
THE IMPACT OF COMPUTER MATHEMATICS ON THE LEARNING OF HIGH SCHOOL TRIGONOMETRY AND PHYSICS. (PH.D. 1968 THE UNIVERSITY OF TEXAS AT AUSTIN) 99p. 29/10-A, p. 3540 BLE69-06234

WALLACE, DONALD BRUCE
A COMPUTER BASED PROCEDURE FOR PREDICTING THE TRANSIENT RESPONSE AND FAILURE OF A TWO DIMENSIONAL CONTINUUM WITH NONLINEAR MATERIAL CHARACTERISTICS. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 424p. 32/09-B, p. 5211 BLE72-02862

WALLACE, VICTOR LEW
THE SOLUTION OF QUASI BIRTH AND DEATH PROCESSES ARISING FROM MULTIPLE ACCESS COMPUTER SYSTEMS. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 107p. 30/05-B, p. 2124 BLE69-18131

WALLACE, WAYNE WILROY
SPLINE COLLOCATION APPROXIMATIONS TO SOLUTIONS OF A CLASS OF BOUNDARY VALUE PROBLEMS FOR PARTIAL DIFFERENTIAL EQUATIONS WHICH ARISE IN CONTROL THEORY. (PH.D. 1975 THE UNIVERSITY OF WISCONSIN - MADISON) 123p. 36/03-B, p. 1317 BLE75-12931

WALLING, HARRY GRIFFIN, JR.
A SYSTEMS MODEL TO FACILITATE THE STUDY AND ANALYSIS OF THE FACULTY EVALUATION PROCESS AT THE STATE UNIVERSITY OF NEW YORK AT ALBANY. (ED.D. 1973 STATE UNIVERSITY OF NEW YORK AT ALBANY) 155p. 34/04-A, p. 1661 BLE73-24383

WALLINGFORD, RONALD ROY
EVALUATION OF AN APPLICATION OF A COMPUTER RETRIEVAL SYSTEM FOR EXERCISE PHYSIOLOGY. (ED.D. 1970 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 134p. 31/04-A, p. 1607 BLE70-20042

WALLJASPER, ROBERT BERNARD
THE INVESTIGATION OF NOISE COVARIANCE AND ITS EFFECT ON OPTIMAL LINEAR STOCHASTIC CONTROL SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF IOWA) 244p. 31/03-B, p. 1280 BLE70-16652

WALSH, JOHN FRANCIS PAUL
THE COMPARISON OF A PLANNING, PROGRAMMING, BUDGETING SYSTEMS MANAGEMENT OPERATION WITH A NON-PLANNING, PROGRAMMING, BUDGETING SYSTEMS MANAGEMENT OPERATION IN REGIONAL EDUCATION CENTERS. (PH.D. 1975 NEW YORK UNIVERSITY) 250p. 36/08-A, p. 4952 BLE76-01769

WALSH, WILLIAM JOSEPH
COMPUTER DESIGN OF TEMPERATURE DESENSITIZED INTEGRATED SELECTIVE AMPLIFIERS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 223p. 31/04-B, p. 1985 BLE70-17679

WALSTON, CLAUDE ELLSWORTH
A MATHEMATICAL ANALYSIS OF THE HUMAN OPERATOR IN A CLOSED-LOOP CONTROL SYSTEM. (PH.D. 1953 THE OHIO STATE UNIVERSITY) 163p. 19/03, p. 998 BLE58-00719

WALTER, CLOY JOSEPH
MATHEMATICAL TECHNIQUES TO IMPROVE THE ACCURACY OF COMPUTER GRAPHIC DEVICES DESPITE HARDWARE LIMITATIONS. (PH.D. 1966 THE UNIVERSITY OF IOWA) 87p. 27/09-B, p. 3196 BLE67-02661

WALTER, KENNETH GEORGE
A NAME SPACE ENVIRONMENT FOR A PROGRAM ORIENTED COMPUTER SYSTEM. (PH.D. 1969 CASE WESTERN RESERVE UNIVERSITY) 66p. 31/06-B, p. 3328 BLE70-26006

WALTHER, GEORGE HOWARD
THE ON-LINE USER-COMPUTER INTERFACE: THE EFFECTS OF INTERFACE-FLEXIBILITY, EXPERIENCE, AND TERMINAL-TYPE ON USER-SATISFACTION AND PERFORMANCE. (PH.D. 1973 THE UNIVERSITY OF TEXAS AT AUSTIN) 253p. 34/08-B, p. 3749 BLE74-05344

WAN, LAWRENCE A.
THE ANALYSIS AND SYNTHESIS OF CORRELATION CODES AND SYSTEMS IN THE Z-TRANSFORM DOMAIN. (PH.D. 1966 YALE UNIVERSITY) 203p. 27/08-B, p. 2718 BLE66-15035

WAN, SAN
OPTIMALITY AND STRONG STABILITY OF CONTROL SYSTEMS. (PH.D. 1969 BROWN UNIVERSITY) 82p. 31/01-B, p. 298 BLE70-08806

WANG, AMY HUEI-MEI HUANG
ON THE EQUATION PHI(X) = INTEGRAL OF K(XI)F(PHI(XI))DXI BETWEEN THE LOWER LIMIT = X AND THE UPPER LIMIT = X+1. (PH.D. 1974 TEXAS CHRISTIAN UNIVERSITY) 67p. 35/10-B, p. 4999 BLE74-28580

WANG, BENJAMIN SHAW-HU
MONTE CARLO SIMULATION OF NONLINEAR RADIATION INDUCED PLASMAS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 131p. 33/10-B, p. 4765 BLE73-10078

WANG, CHUNG CHIAN
AN ALGORITHM FOR THE CHROMATIC NUMBER OF A GRAPH WITH APPLICATION TO UNIQUELY COLORABLE GRAPHS AND OBSERVATIONS ON PAIRS OF ORTHOGONAL CLIQUES WITH APPLICATION TO THE BICHROMATIC COLORING OF RANDOM GRAPHS. (PH.D. 1974 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 142p. 35/03-B, p. 1233 BLE74-20041

WANG, FRANCIS CHIEN HUA
SUBOPTIMIZATION OF DECENTRALIZED CONTROL SYSTEMS. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 120p. 33/07-B, p. 3083 BLE73-01072

WANG, FRANK SHON-FU
COMPOSITE PHASE PLANE AND EXTREMAL METHODS IN THE STABILITY ANALYSIS OF DISTRIBUTED PARAMETER REACTOR SYSTEMS. (PH.D. 1967 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 256p. 28/04-B, p. 1485 BLE67-11933

WANG, GARY YI-CHUNG
ADVANCED COMPUTER ARCHITECTURE FOR LARGE-SCALE REAL-TIME APPLICATIONS. (PH.D. 1972 THE UNIVERSITY OF TEXAS AT AUSTIN) 223p. 33/06-B, p. 4284 BLE73-07671

WANG, JI CHING
THE ANALYSIS AND SYNTHESIS OF A CLASS OF LINEAR DISTRIBUTED SYSTEMS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 240p. 30/10-B, p. 4835 BLE70-06253

WANG, PAUL PAO SHIH
INVESTIGATION OF METHODS OF EVALUATING A NONLINEAR SYSTEM TRANSFER FUNCTION WITH IMPULSE EXCITATION. (PH.D. 1965 THE OHIO STATE UNIVERSITY) 224p. 26/11, p. 6815 BLE66-01857

WANG, SHYH JONG
A GRADIENT COMPUTATIONAL TECHNIQUE FOR A CLASS OF OPTIMAL CONTROL PROBLEMS SUBJECT TO INEQUALITY CONSTRAINTS. (PH.D. 1969 MICHIGAN STATE UNIVERSITY) 160p.
31/03-B, p. 1290 BLE70-16163

WANG, SUNG-CHU
ON THE DIRECT IMPLEMENTATION OF ALGORITHMIC SCIENTIFIC COMPUTER LANGUAGES . (PH.D. 1968 UNIVERSITY OF MINNESOTA) 182p.
29/06-B, p. 2047 BLE68-17726

WANG, YUAN CHIA
A SUFFICIENT THEORY OF TIME OPTIMAL CONTROL PROBLEMS. (PH.D. 1975 THE UNIVERSITY OF WISCONSIN - MADISON) 85p.
36/05-B, p. 2290 BLE75-18203

WANINSKI, JOHN EDWARD, JR.
ON THE OPTIMAL CONTROL OF SYSTEMS WITH VARYING TIME DELAYS. (PH.D. 1971 ILLINOIS INSTITUTE OF TECHNOLOGY) 158p.
32/11-B, p. 6409 BLE72-13726

WANN, DONALD FREDERICK
APPLICATION OF THE MATRIC COMPUTER. (SC.D. 1961 WASHINGTON UNIVERSITY) 217p.
22/12, p. 4313 BLE62-01946

WARD, CARTER DEAN
THE FEASIBILITY OF UTILIZING THE REGIONAL CENTER CONCEPT IN DEVELOPING AN AUTOMATED STATEWIDE DATA PROCESSING SYSTEM IN MISSOURI SCHOOLS. (PH.D. 1975 UNIVERSITY OF MISSOURI - COLUMBIA) 204p.
36/10-A, p. 6419 BLE76-07866

WARD, DARRELL LYNN
INTERACTIVE DIRECTED PROGRAMMING IN COMPUTER-ASSISTED INSTRUCTION (CAI). (PH.D. 1973 TEXAS A&M UNIVERSITY) 166p.
34/07-B, p. 3201 BLE74-01060

WARD, EARL DAWSON, II
IDENTIFICATION OF PARAMETERS IN NONLINEAR BOUNDARY CONDITIONS OF DISTRIBUTED SYSTEMS WITH LINEAR FIELDS. (PH.D. 1971 PURDUE UNIVERSITY) 228p. 32/08-B, p. 4626 BLE72-06049

WARD, ROBERT DARRYL
AN INVESTIGATION INTO THE USE OF COMPUTER INTEGRATION OF KINEMATICS, KINETICS, AND CINEMATOGRAPHY DATA IN MOTION ANALYSIS. (P.E.D. 1971 INDIANA UNIVERSITY) 167p.
32/12-A, p. 6802 BLE72-16880

WARD, RONALD GENE
DETECTION OF PARALLEL PROCESSABLE CODE IN COMPUTER PROGRAMS. (PH.D. 1973 TEXAS A&M UNIVERSITY) 224p. 34/07-B, p. 3202 BLE74-01061

WARDEN, ROBERT BAILEY
AN ANALYTIC STUDY OF THE STABILITY AND CONTROL OF AN ADDITION POLYMERIZATION REACTION SYSTEM. (PH.D. 1963 UNIVERSITY OF MINNESOTA) 134p. 24/11, p. 4600 BLE64-04077

WARE, GLENN OREN
A MATHEMATICAL PROGRAMMING SYSTEM FOR THE MANAGEMENT OF INDUSTRIAL FORESTS. (PH.D. 1968 UNIVERSITY OF GEORGIA) 123p.
29/08-B, p. 2700 BLE69-03468

WARFORD, HARRY STEVEN
CONVERSION OF A D17B (MINUTEMAN-I) GUIDANCE COMPUTER TO ACQUIRE AND PROCESS EVOKED RESPONSE INFORMATION. (PH.D. 1974 ARIZONA STATE UNIVERSITY) 120p.
35/03-B, p. 1263 BLE74-20181

WARMACK, RALPH E.
AN ALGORITHM FOR MINIMUM-ERROR PATTERN RECOGNITION IN SUPERVISED-LEARNING ENVIRONMENTS. (PH.D. 1972 THE UNIVERSITY OF TENNESSEE) 123p. 33/08-B, p. 3857 BLE73-02806

WARNER, DON MARTIN
QUEUEING MODELS OF MULTIPROGRAMMED COMPUTER SYSTEMS WITH A MULTILEVEL MEMORY HIERARCHY. (PH.D. 1975 TEXAS A&M UNIVERSITY) 184p. 36/12-B, p. 6274 BLE76-12706

WARNOCK, JOHN EDWARD
A HIDDEN SURFACE ALGORITHM FOR COMPUTER GENERATED HALFTONE PICTURES. (PH.D. 1969 UNIVERSITY OF UTAH) 32p.
30/05-B, p. 2190 BLE69-19002

WARNE, DOUGLAS ERNEST
A COMPUTER BASED SOCIAL SERVICE INFORMATION SYSTEM: AN IMPACT STUDY OF NEIGHBORHOOD SERVICE AGENCIES IN CINCINNATI. (PH.D. 1973 UNIVERSITY OF CINCINNATI) 258p.
34/05-B, p. 2142 BLE73-24866

WARREN, JEAN TUTTLE
AN ECOLOGICAL ANALYSIS OF THE EXPANSION OF NATIONAL EDUCATIONAL SYSTEMS. (PH.D. 1973 STANFORD UNIVERSITY) 130p.
34/06-A, p. 3573 BLE73-30481

WARREN, SCOTT KIPLING
THE COROUTINE MODEL OF ATTRIBUTE GRAMMAR EVALUATION. (PH.D. 1976 RICE UNIVERSITY) 118p.
37/04-B, p. 1780 BLE76-21720

WARSHAUER, JOSEPH ALBERT
STOCHASTIC LINEAR EQUIVALENTS OF CLOSED LOOP SYSTEMS. (PH.D. 1963 POLYTECHNIC INSTITUTE OF NEW YORK) 82p.
24/07, p. 2846 BLE64-00343

WARTGOW, JEROME F.
AN ASSESSMENT OF THE UTILIZATION OF COMPUTER SIMULATION MODELS IN THE ADMINISTRATION OF HIGHER EDUCATION. (PH.D. 1972 UNIVERSITY OF DENVER) 273p.
33/02-A, p. 598 BLE72-22061

WASAFF, CHARLES RASHED
MODEL REFERENCE ADAPTIVE CONTROL THEORY WITH APPLICATIONS TO MANUAL CONTROL SYSTEMS. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, BERKELEY) 267p. 28/07-B, p. 2866 BLE68-00179

WASHBURN, DONALD CHARLES
A SEMI-GROUP APPROACH TO TIME OPTIMAL BOUNDARY CONTROL OF DIFFUSION PROCESSES. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 88p. 35/10-B, p. 5000 BLE75-08444

WASHBURN, ROBERT MILES
CEMP–A COMPUTER ENRICHED MATHEMATICS PROGRAM. (PH.D. 1969 CORNELL UNIVERSITY) 378p.
30/12-A, p. 5179 BLE70-08026

WASHINGTON, JOSEPH BERRIAN
MATRIX ANALYSIS OF AN ACCOUNTING SYSTEM-AN EMPIRICAL STUDY. (PH.D. 1966 THE UNIVERSITY OF ALABAMA) 129p. 27/08-A, p. 2656 BLE67-01326

WASILEW, STEPHEN GIBBS
A COMPILER WRITING SYSTEM WITH OPTIMIZATION CAPABILITIES FOR COMPLEX OBJECT ORDER STRUCTURES. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 147p. 33/06-B, p. 2658 BLE72-32804

WASSERMAN, ANTHONY IRA
ACHIEVEMENT OF SKILL AND GENERALITY IN AN ARTIFICIAL INTELLIGENCE PROGRAM . (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 282p.
31/11-B, p. 6564 BLE70-24827

WATANABE, YASUO
DESIGN CONSIDERATION OF THE PROTOTYPE PARTICULATE INSTRUMENTATION BY LASER LIGHT-SCATTERING (PILLS-III) SYSTEM. (PH.D. 1973 THE UNIVERSITY OF TENNESSEE) 107p.
34/11-B, p. 5474 BLE74-11297

WATANAPONGSE, DHANI
INVESTIGATION OF THE BAD SHAPE OF SHEET IN COLD ROLLING AND A METHOD OF CONTROL BY COMPUTER. (PH.D. 1969 PURDUE UNIVERSITY) 208p.
30/09-B, p. 4163 BLE70-03966

WATSON, CHARLES ROSS
AN INTERACTIVE COMPUTER GRAPHICS SYSTEM APPLIED TO THE LIFE SCIENCES. (PH.D. 1974 OREGON STATE UNIVERSITY) 183p.
35/04-B, p. 1617 BLE74-23466

WATSON, FERNANDO DA VEIGA
STABILITY OF SPACE-DEPENDENT SYSTEMS. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 63p. 33/10-B, p. 4832 BLE73-10491

WATSON, FRED LEE
THE OPTIMAL CONTROL OF LYGUS HESPERUS ON COTTON. (PH.D. 1973 THE UNIVERSITY OF ARIZONA) 221p. 34/03-B, p. 1138 BLE73-20629

WATSON, JAMES WILLIAM
SENSITIVITY FUNCTIONS IN AN ADAPTIVE CONTROL SYSTEM. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 154p.
27/06-B, p. 1979 BLE66-12855

WATSON, SIMEON ELISHA, JR.
STATISTICAL OPTIMIZATION OF SAMPLED-DATA CONTROL SYSTEMS OPERATING IN THE PRESENCE OF RANDOM NOISE. (SC.D. 1956 WASHINGTON UNIVERSITY) 220p. 16/09, p. 1653 BLE00-17203

WATSON, VELVIN RICHARD
COMPUTER SIMULATION OF A PLASMA ACCELERATOR. (PH.D. 1969 STANFORD UNIVERSITY) 163p. 30/08-B, p. 3654 BLE70-01625

WATT, JOSEPH TEE, JR
ADJUSTMENT OF MULTIPARAMETER ADAPTIVE CONTROL SYSTEMS. (PH.D. 1965 THE UNIVERSITY OF TEXAS AT AUSTIN) 130p.
27/01-B, p. 183 BLE66-01979

WATTS, ALFRED CHAPMAN
OPTIMAL FEEDBACK CONTROL OF RECONSTRUCTIBLE LINEAR SYSTEMS WITH INACCESSIBLE STATE VARIABLES. (PH.D. 1972 MISSISSIPPI STATE UNIVERSITY) 127p.
33/07-B, p. 3084 BLE73-00165

WATTS, DAVE HENRY
AN ANALYSIS AND EVALUATION OF THE EFFECT OF VARIABLE COMPENSATION ON COST, IMPROVED PERFORMANCE AND THE LEVEL OF UNIONIZATION IN INDUSTRY WITH SPECIAL REFERENCE TO THE RAILROAD INDUSTRY AND MANAGEMENT INFORMATION SERVICES GROUPS. (D.B.A. 1974 THE GEORGE WASHINGTON UNIVERSITY) 258p.
35/01-A, p. 45 BLE74-14865

WAXMAN, JERRY MILTON
A COMPARISON OF SOME DEADLOCK MODELS. (PH.D. 1973 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 160p.
35/01-B, p. 184 BLE74-15936

WAXMAN, MILTON JOSEPH
PATTERN RECOGNITION TECHNIQUES IN DETECTION SYSTEM DESIGN. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 131p.
30/02-B, p. 658 BLE69-11923

WAYMAN, WILBUR ST. CLAIR, JR.
A COMPREHENSIVE LOGISTICS SYSTEM DESIGN MODEL FOR A STATE CONTROLLED LIQUOR DISTRIBUTION SYSTEM. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 330p. 34/05-A, p. 2107 BLE73-26933

WAYNE, BURTON HOWARD
ON THE NUMERICAL ANALYSIS OF MAGNETIC AMPLIFIER CIRCUITS. (PH.D. 1960 MICHIGAN STATE UNIVERSITY) 58p. 21/11, p. 3401 BLE61-01202

WEAKLEY, ROBERT HARVEY
ON THE OCCURENCE OF STABILITY, INSTABILITY AND LIMIT-CYCLES IN CERTAIN CLASSES OF NONLINEAR SYSTEMS. (PH.D. 1973 UNIVERSITY OF COLORADO AT BOULDER) 258p.
34/04-B, p. 1528 BLE73-23306

WEAR, LARRY L.
NATURAL LANGUAGE AND FUNCTIONAL INPUT TECHNIQUES FOR MAN-COMPUTER SYSTEMS . (PH.D. 1970 THE UNIVERSITY OF SANTA CLARA) 133p.
33/10-B, p. 4814 BLE73-08246

WEATHERLY, MICHAEL
THE COMPARATIVE COMMUNICATIVE POWER OF CHANNELS IN THE DISSEMINATION OF INFORMATION. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 164p. 33/04-A, p. 1874 BLE72-27132

WEATHERS, GEORGE THOMAS, JR.
SENSING AND CONTROL ANALYSIS OF AN ELF (EXTREMELY LONG FREQUENCY) POWER-GRID. (PH.D. 1974 UNIVERSITY OF MISSOURI - COLUMBIA) 234p.
35/09-B, p. 4467 BLE75-05804

WEATHERWAX, RALPH LEE
LAGRANGE MULTIPLIERS FOR ABSTRACT OPTIMAL CONTROL PROGRAMMING PROBLEMS. (PH.D. 1972 PURDUE UNIVERSITY) 117p.
33/06-B, p. 2715 BLE72-30999

WEAVER, CHARLES HADLEY
THE ANALYSIS AND DESIGN OF LINEAR CLOSED-LOOP CONTROL SYSTEMS BY MEANS OF NUMBER SERIES. (PH.D. 1956 THE UNIVERSITY OF WISCONSIN - MADISON) 112p. 16/05, p. 931 BLE00-16223

WEAVER, CHARLES SINCLAIR
ESTIMATING AND DETECTING THE OUTPUTS OF LINEAR DYNAMICAL SYSTEMS. (PH.D. 1965 STANFORD UNIVERSITY) 107p.
26/03, p. 1560 BLE65-09466

WEAVER, PHILLIP ALLEN
EFFECTS OF A COMPUTER ASSISTED TEACHER-TRAINING SYSTEM AND TEACHER EXPECTANCIES ON TEACHER-PUPIL VERBAL INTERACTION WITH EMR CHILDREN. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 187p. 31/02-A, p. 657 BLE70-14675

WEBB, DOUGLAS ALLAN
THE DEVELOPMENT AND APPLICATION OF AN EVALUATION MODEL FOR HASH CODING SYSTEMS. (PH.D. 1972 SYRACUSE UNIVERSITY) 218p.
33/10-B, p. 4765 BLE73-09577

WEBB, WILLIAM OAKENWALD
EDUCATIONAL ELECTRONIC DATA PROCESSING: CASE STUDIES AND GUIDELINES. (ED.D. 1965 INDIANA UNIVERSITY) 151p.
26/09, p. 5189 BLE66-14073

WEBER, ALLAN P. J.
SUBOPTIMAL CONTROL OF NONLINEAR AND INEQUALITY CONSTRAINED CONTROL SYSTEMS. (PH.D. 1969 PRINCETON UNIVERSITY) 498p.
31/02-B, p. 660 BLE70-14247

WEBER, RICHARD EARLE
THE LABOR MARKET FOR COMPUTER USER PERSONNEL. (PH.D. 1974 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 160p. 35/10-A, p. 6350 BLE75-08486

WEBER, RICHARD ROBERT
CRITERIA FOR THE DESIGN OF A CLASS OF NONLINEAR CONTROL SYSTEMS. (PH.D. 1962 UNIVERSITY OF CINCINNATI) 77p.
23/05, p. 1650 BLE62-04796

WECHTER, STUART JAY
INVESTIGATION OF PATTERN RECOGNITION OPERATIONS THROUGH THE USE OF THE VISUAL SEARCH TECHNIQUE: A DEVELOPMENTAL STUDY. (PH.D. 1972 HOFSTRA UNIVERSITY) 96p.
33/08-B, p. 4002 BLE73-04258

WEDLAKE, WILLIAM EARL
ON THE CLOSED LOOP RESPONSE OF NONLINEAR CONTROL SYSTEMS. (PH.D. 1969 ILLINOIS INSTITUTE OF TECHNOLOGY) 166p.
30/05-B, p. 2190 BLE69-18619

WEGENER, JEROME DAVID
DEVELOPMENT OF A COMPUTER SIMULATION MODEL AS A MANAGEMENT AID FOR A SMALL COLLEGE. (ED.D. 1974 THE UNIVERSITY OF TENNESSEE) 142p. 35/11-A, p. 7093 BLE75-11203

WEHRUNG, DONALD ALLEN
MATHEMATICAL PROGRAMMING PROCEDURES FOR THE INTERACTIVE IDENTIFICATION AND OPTIMIZATION OF PREFERENCES IN A MULTI-ATTRIBUTED DECISION PROBLEM. (PH.D. 1975 STANFORD UNIVERSITY) 277p.
36/05-A, p. 2967 BLE75-25626

WEICHUN, WILLIAM MICHAEL
INFLUENCE OF RACIAL BACKGROUND OF THE EXAMINER ON FIRST-GRADE BLACK PUPILS VIA A COMPUTER CONTENT ANALYSIS OF VERBAL RESPONSE TO A SCHOOL RELATED TASK. (PH.D. 1975 FORDHAM UNIVERSITY) 87p.
36/08-A, p. 5166 BLE76-04196

WEIDA, WILLIAM JOHN
AN ALGORITHM FOR A PATTERN SENSITIVE DATA STORAGE SYSTEM. (D.B.A. 1975 UNIVERSITY OF COLORADO AT BOULDER) 179p.
36/11-B, p. 5687 BLE76-11616

WEIDEMANN, HENRY LAWRENCE
ENTROPY ANALYSIS OF FEEDBACK CONTROL SYSTEMS. (PH.D. 1967 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 168p.
28/02-B, p. 690 BLE67-09900

WEIDERMAN, NELSON HERBERT
SYNCHRONIZATION AND SIMULATION IN OPERATING SYSTEM CONSTRUCTION. (PH.D. 1971 CORNELL UNIVERSITY) 241p.
32/10-B, p. 5736 BLE72-10631

WEIGAND, WILLIAM ADAM
OPTIMAL CONTROL OF DISTRIBUTED PARAMETER SYSTEMS BY USING FUNCTIONAL ANALYSIS. (PH.D. 1968 ILLINOIS INSTITUTE OF TECHNOLOGY) 111p.
28/12-B, p. 4906 BLE68-07783

WEIMAN, CARL FREDERICK REINHOLD
PATTERN RECOGNITION BY RETINA-LIKE DEVICES. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 163p.
33/08-B, p. 3599 BLE73-02156

WEINBERG, AARON
DIGITAL AND ANALOG PHASE LOCK LOOPS–ANALYSIS AND APPLICATIONS TO DIGITAL COMMUNICATION SYSTEMS. (PH.D. 1974 PRINCETON UNIVERSITY) 167p. 35/09-B, p. 4467 BLE75-06689

WEINBERG, MURRAY
DESIGN OF LINEAR CONTROL SYSTEMS WITH DISTRIBUTED PARAMETER ELEMENTS BY PARAMETER PLANE TECHNIQUES. (D.ENG.SC. 1969 NEW JERSEY INSTITUTE OF TECHNOLOGY) 263p.
30/10-B, p. 4626 BLE70-04446

WEINBERG, PAUL RICHARD
A TIME SHARING CHEMICAL INFORMATION RETRIEVAL SYSTEM. (PH.D. 1969 UNIVERSITY OF PENNSYLVANIA) 154p.
30/07-B, p. 3264 BLE69-21462

WEINBERG, ROGER
COMPUTER SIMULATION OF A LIVING CELL. (PH.D. 1970 THE UNIVERSITY OF MICHIGAN) 167p.
31/09-B, p. 5312 BLE71-04766

WEINER, DONALD DAVID
THE QUASI-STATIONARY RESPONSE OF LINEAR SYSTEMS TO MODULATED WAVEFORMS. (PH.D. 1964 PURDUE UNIVERSITY) 134p.
26/04, p. 2112 BLE65-02658

WEINER, LOUIS B.
OPTIMAL CONTROL OF UNKNOWN, DYNAMIC, STOCHASTIC SYSTEMS BY THE METHOD OF STOCHASTIC APPROXIMATION. (PH.D. 1968 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 132p. 30/01-B, p. 211 BLE69-07712

WEINERT, HOWARD LESLIE
A REPRODUCING KERNEL HILBERT SPACE APPROACH TO SPLINE PROBLEMS WITH APPLICATIONS IN ESTIMATION AND CONTROL. (PH.D. 1972 STANFORD UNIVERSITY) 68p.
33/06-B, p. 2617 BLE72-30720

WEINGART, STEVEN WILLIAM
AN EFFICIENT AND SYSTEMATIC METHOD OF COMPILER CODE-GENERATION. (PH.D. 1973 YALE UNIVERSITY) 166p. 34/06-B, p. 2564 BLE73-29501

WEINKAM, JAMES J., JR.
AN ENVIRONMENT FOR RESPONSIVE PROGRAM SYSTEMS. (SC.D. 1970 WASHINGTON UNIVERSITY) 90p. 31/07-B, p. 3983 BLE70-29904

WEINRICH, ALBERT WALTER
ANALYSIS OF A TIME-FREQUENCY CODED MULTIPLE ACCESS SYSTEM. (PH.D. 1968 PURDUE UNIVERSITY) 275p. 29/08-B, p. 2893 BLE69-02896

WEINSCHEL, BARBARA ELLEN
AN INVESTIGATION OF THE EFFECTIVENESS OF A COMPUTER MANAGEMENT SYSTEM DESIGNED TO IMPROVE LEARNING THROUGH THE INDIVIDUALIZATION OF INSTRUCTION. (PH.D. 1971 NEW YORK UNIVERSITY) 299p. 32/05-A, p. 2562 BLE71-28568

WEINSTEIN, HILLEL
INVESTIGATION OF SERIAL, NON-VOLATILE COMPUTER MEMORIES BASED ON A MAGNETOELASTIC INTERACTION IN FERROMAGNETIC STORAGE MEDIA. (PH.D. 1966 POLYTECHNIC INSTITUTE OF NEW YORK) 133p. 27/03-B, p. 827 BLE66-08434

WEINSTOCK, CHARLES BURR
DYNAMIC STORAGE ALLOCATION TECHNIQUES. (PH.D. 1976 CARNEGIE-MELLON UNIVERSITY) 123p. 37/03-B, p. 1340 BLE76-19980

WEINTRAUB, SOLOMON
ON THE DEVELOPMENT OF AN ELECTRONIC FUNCTIONAL-ARGUMENTAL COMPUTER AND ITS APPLICATION TO PROBLEMS OF MATHEMATICAL PHYSICS. (PH.D. 1964 TEMPLE UNIVERSITY) 138p. 25/08, p. 4764 BLE65-00215

WEISS, OLIN ERIC
INVESTIGATION OF INVAR TYPE ALLOYS FOR THE DESIGN OF FREQUENCY-TEMPERATURE INVARIANT VIBRATING SYSTEMS. (PH.D. 1967 THE UNIVERSITY OF TEXAS AT AUSTIN) 221p. 28/10-B, p. 4150 BLE68-04359

WEISS, SHOLOM MENACHEM
A SYSTEM FOR MODEL-BASED COMPUTER-AIDED DIAGNOSIS AND THERAPY. (PH.D. 1974 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 284p. 35/06-B, p. 2705 BLE74-27669

WEISS, STEPHEN FREDRICK
A TEMPLATE APPROACH TO NATURAL LANGUAGE ANALYSIS FOR INFORMATION RETRIEVAL. (PH.D. 1970 CORNELL UNIVERSITY) 397p. 31/12-B, p. 7239 BLE71-14606

WEISS, STEVEN RAMSAY
THE EFFECTS OF A HETEROGENEOUS CUSTOMER BASE UPON THE MODELED AND ACTUAL PERFORMANCE OF A TIME-SHARING SYSTEM. (PH.D. 1975 THE UNIVERSITY OF MICHIGAN) 116p. 36/03-B, p. 1317 BLE75-20476

WEISSENBERGER, STEIN
STABILITY ANALYSIS OF RELAY-CONTROL SYSTEMS VIA THE DIRECT METHOD OF LYAPUNOV. (PH.D. 1965 STANFORD UNIVERSITY) 86p. 26/07, p. 3802 BLE65-12884

WEISSENBURGER, JASON TICKNOR
THE EFFECT OF LOCAL MODIFICATIONS ON THE EIGENVALUES AND EIGENVECTORS OF LINEAR SYSTEMS. (SC.D. 1966 WASHINGTON UNIVERSITY) 136p. 27/02-B, p. 500 BLE66-07529

WEISSMAN, STEVEN JAY
ON A COMPUTER SYSTEM FOR PLANNING AND EXECUTION IN INCOMPLETELY SPECIFIED ENVIRONMENTS. (PH.D. 1976 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 187p. 37/05-B, p. 2382 BLE76-24204

WELDON, JAY-LOUISE
DATA STORAGE DECISIONS FOR LARGE DATA BASES. (PH.D. 1975 UNIVERSITY OF PENNSYLVANIA) 272p. 36/08-B, p. 4074 BLE76-03229

WELIN, ANDREW M.
THE DIRECT INTERPRETATION: PROCESSORS AND LANGUAGES. (PH.D. 1975 THE UNIVERSITY OF TEXAS AT AUSTIN) 249p. 36/10-B, p. 5146 BLE76-08124

WELL, KLAUS HINRICH
MODIFIED QUASILINEARIZATION METHOD FOR OPTIMAL CONTROL PROBLEMS WITH BOUNDED STATE VARIABLES. (PH.D. 1972 RICE UNIVERSITY) 63p. 33/04-B, p. 1512 BLE72-26484

WELLER, DANIEL LEE
OPTIMAL SEARCHING ALGORITHMS FOR PARALLEL-PIPELINED COMPUTERS. (PH.D. 1976 STANFORD UNIVERSITY) 170p. 36/12-B, p. 6275 BLE76-13080

WELLES, KENNETH BRAKELEY, II
COMPUTER IMAGE PROCESSING FOR THE ENHANCEMENT OF ELECTRON MICROGRAPHS. (PH.D. 1976 CORNELL UNIVERSITY) 173p. 37/03-B, p. 1302 BLE76-21141

WELLS, BARBARA DURYEA
OPTICAL ACTIVITY OF NUCLEIC ACIDS: A COMPUTER PROBE OF THE ULTRAVIOLET-SPECTRUM. (PH.D. 1973 UNIVERSITY OF CALIFORNIA, SAN FRANCISCO) 125p. 34/06-B, p. 2466 BLE73-29922

WELLS, CHARLES HILLIARY
MINIMUM NORM CONTROL OF DISCRETE SYSTEMS. (SC.D. 1966 WASHINGTON UNIVERSITY) 101p. 27/06-B, p. 1936 BLE66-11693

WELLS, ROBERT FERRELL
APPLICATION OF THE PRINCIPLE OF MINIMIZATION OF ENTROPY IN THE ACHIEVEMENT OF STEADY-STATE SOLUTIONS FOR DYNAMIC SYSTEMS. (PH.D. 1975 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 190p. 36/02-B, p. 841 BLE75-18220

WELLS, WILLIAM RAYMOND
A TIME OPTIMAL CONTROL STUDY OF A SECOND-ORDER LINEAR SYSTEM WITH DELAY. (PH.D. 1968 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 94p. 29/10-B, p. 4211 BLE69-05571

WENGERT, ROBERT EDWIN
ON A CERTAIN CONJECTURE CONCERNING A MECHANICAL PROOF PROCEDURE IN FIRST ORDER LOGIC WITH EQUALITY. (PH.D. 1970 SYRACUSE UNIVERSITY) 73p. 31/11-B, p. 6565 BLE71-11003

WENGROW, HENRY RAY
THE USE OF A MATHEMATICAL MODEL IN THE COMPUTER CONTROL OF AN INDUSTRIAL DISTILLATION TOWER. (PH.D. 1966 THE UNIVERSITY OF FLORIDA) 144p. 27/05-B, p. 1469 BLE66-11142

WENKE, DAVID CHRISTIAN
A COMPUTER INTERFACED PHOTON COUNTING SPECTROPHOTOMETER. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 127p. 33/11-B, p. 5235 BLE73-12649

WENNER, JAMES FRANK
AN ANALYSIS OF THE MINIMUM DATA PROCESSING EMPLOYMENT REQUIREMENTS IN SELECTED IOWA BUSINESSES FOR THE PURPOSE OF DEVELOPING A HIGH SCHOOL DATA PROCESSING ORIENTATION COURSE. (PH.D. 1965 THE UNIVERSITY OF IOWA) 261p. 26/05, p. 2530 BLE65-11666

WENNER, KENNETH ALLEN
A COMPUTER METHOD FOR INTERPRETATION OF NATURAL RESOURCE DATA FOR FOUR TYPES OF LAND USES. (PH.D. 1972 MICHIGAN STATE UNIVERSITY) 123p. 33/09-B, p. 4075 BLE73-05514

WENNINGER, FREDDIE WILLIAM
THE APPLICATION OF ROOT LOCUS TO NONLINEAR SYSTEMS. (PH.D. 1964 OKLAHOMA STATE UNIVERSITY) 113p. 26/03, p. 1561 BLE65-08791

WERBLIN, THEODORE PAUL
THE MEASUREMENT AND BIOLOGICAL SIGNIFICANCE OF ANTIBODY BINDING AFFINITY AND HETEROGENEITY (WITH) APPENDIX: COMPUTER DATA. (PH.D. 1972 NEW YORK UNIVERSITY) 637p. 33/06-B, p. 2668 BLE72-31144

WERNER, DONALD ALLAN
A COMPARISON OF TWO METHODS OF TEACHING BUSINESS DATA PROCESSING AND ACCOUNTING CONCEPTS IN HIGH SCHOOL ACCOUNTING. (ED.D. 1971 ARIZONA STATE UNIVERSITY) 116p. 32/06-A, p. 2929 BLE71-31136

WERNER, RONALD ALFRED
SUBOPTIMAL FEEDBACK CONTROL OF SYSTEMS WITH RANDOM PARAMETERS. (PH.D. 1967 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 108p. 28/04-B, p. 1524 BLE67-11934

WERSAN, STEPHEN JESSE
MATHEMATICAL MODELLING AND COMPUTER SIMULATION FOR THE DESIGN OF MUNICIPAL REFUSE COLLECTION AND HAUL SERVICES. (PH.D. 1970 NORTHWESTERN UNIVERSITY) 455p. 31/07-B, p. 4098 BLE71-02007

WERTZ, HARVEY JOE
ADAPTIVE CONTROL OF SYSTEMS CONTAINING THE HUMAN OPERATOR. (PH.D. 1962 THE UNIVERSITY OF WISCONSIN - MADISON) 121p. 23/04, p. 1307 BLE62-04756

WESNER, JOHN W., JR.
A COMPUTER ADAPTATION OF SOUTHWELL'S RELAXATION METHOD WITH APPLICATIONS TO ELASTIC-PLASTIC STRESS ANALYSIS. (PH.D. 1968 CARNEGIE-MELLON UNIVERSITY) 205p. 29/06-B, p. 2068 BLE68-17620

WESSLER, BARRY DAVID
COMPUTER-ASSISTED VISUAL COMMUNICATION. (PH.D. 1973 UNIVERSITY OF UTAH) 109p. 34/06-B, p. 2564 BLE73-29392

WEST, ANITA S. WOLFE
DEVELOPMENT OF A COMPUTER-ADMINISTERED DIAGNOSTIC COLLEGE PLACEMENT TEST IN MATHEMATICS. (PH.D. 1969 UNIVERSITY OF DENVER) 117p. 30/11-B, p. 5154 BLE70-06689

WEST, B. BRADLEY
A STUDY OF COMPUTER SCORED GROUP HOLTZMAN INKBLOT VARIABLES AS RELATED TO STUDENT-TEACHING SUCCESS, MAJOR TEACHING FIELDS, AND SEX. (PH.D. 1969 MICHIGAN STATE UNIVERSITY) 177p. 31/03-A, p. 1128 BLE70-18187

WEST, HARRY MILES, III
AN ANALYSIS OF THE CURRENT MANPOWER MODELING SYSTEM APPROACHES IN PRIVATE INDUSTRY WITH IMPLICATIONS OF TECHNOLOGICAL CHANGE AND FUTURE SYSTEM DESIGN. (D.P.A. 1973 THE GEORGE WASHINGTON UNIVERSITY) 280p. 34/01-A, p. 21 BLE73-15424

WEST, JAMES RICHARD
FUNCTIONAL AND ADAPTIVE PROPERTIES OF THE HIPPOCAMPAL COMMISSURAL SYSTEM. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, IRVINE) 216p. 36/12-B, p. 5927 BLE76-13853

WEST, JOYCE WILLENE FLEMING
COMPUTER SIMULATION AS A MEDIUM FOR TEACHING INVENTORY MANAGEMENT IN FOOD SYSTEMS ADMINISTRATION. (PH.D. 1976 THE UNIVERSITY OF TENNESSEE) 146p. 37/05-B, p. 2180 BLE76-24868

WESTERBERG, RICHARD BRUCE
ASPECTS OF COMPUTER-ASSISTED GAS CHROMATOGRAPHY. (PH.D. 1974 PURDUE UNIVERSITY) 196p. 36/02-B, p. 681 BLE75-17299

WESTERDALE, THOMAS HUGHSON
A SELF-DESCRIBING AXIOMATIC SYSTEM AS A SUGGESTED BASIS FOR A CLASS OF ADAPTIVE THEOREM PROVING MACHINES. (PH.D. 1969 THE UNIVERSITY OF MICHIGAN) 263p. 30/05-B, p. 2317 BLE69-18136

WESTERVELT, FRANKLIN HERBERT
A STUDY OF AUTOMATIC SYSTEM SIMULATION PROGRAMMING AND THE ANALYSIS OF THE BEHAVIOR OF PHYSICAL SYSTEMS USING AN INTERNALLY STORED PROGRAM COMPUTER. (PH.D. 1961 THE UNIVERSITY OF MICHIGAN) 264p. 22/04, p. 1117 BLE61-01807

WESTON, JAMES E.
EXTENSION OF ANALYTICAL DESIGN TECHNIQUES TO MULTIVARIABLE FEEDBACK CONTROL SYSTEMS. (PH.D. 1971 POLYTECHNIC INSTITUTE OF NEW YORK) 107p. 32/05-B, p. 2724 BLE71-29121

WETHERELL, CHARLES STANLEY
PROBLEMS OF ERROR CORRECTION FOR PROGRAMMING LANGUAGES. (PH.D. 1975 CORNELL UNIVERSITY) 100p. 36/11-B, p. 5687 BLE76-09678

WETZEL, DAVID LOUIS BENTE
DETERMINATION OF SULFUR IN FIBROUS GRAIN PRODUCTIONS AND A FLUORINE COMBUSTION GAS CHROMATOGRAPH ELEMENTAL ANALYSIS SYSTEM. (PH.D. 1973 KANSAS STATE UNIVERSITY) 158p. 34/06-B, p. 2504 BLE73-26382

WEUSI-PURYEAR, MUATA
AN EXPERIMENT TO EXAMINE THE PEDAGOGICAL VALUE OF A COMPUTER SIMULATED GAME DESIGNED TO CORRECT ERRORS IN ARITHMETICAL COMPUTATIONS. (PH.D. 1975 STANFORD UNIVERSITY) 157p. 36/04-A, p. 2006 BLE75-21906

WEXLER, JONATHAN DAVID
A GENERATIVE, REMEDIAL AND QUERY SYSTEM FOR TEACHING BY COMPUTER. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 368p. 31/05-B, p. 2823 BLE70-19177

WEXLER, KENNETH NORMAN
AN AUTOMATON ANALYSIS OF THE LEARNING OF A MINIATURE SYSTEM OF JAPANESE. (PH.D. 1970 STANFORD UNIVERSITY) 121p. 31/05-B, p. 3040 BLE70-22213

WHALEN, BARRY HUGH
LINEAR PROGRAMMING FOR OPTIMAL CONTROL. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, BERKELEY) 73p. 24/03, p. 1121 BLE63-05567

WHALEN, THOMAS EARL
A COMPUTER ANALYSIS OF MECHANICAL PROFICIENCY AND OVERALL QUALITY IN SEVENTH GRADE ENGLISH ESSAYS. (PH.D. 1971 THE UNIVERSITY OF CONNECTICUT) 191p. 32/01-A, p. 261 BLE71-18456

WHEALE, JOHN L.
THE PERCEPTION OF ALTERNATED SPEECH: ITS IMPLICATIONS FOR AN INFORMATION-PROCESSING MODEL OF SPEECH PERCEPTION. (PH.D. 1976 BRANDEIS UNIVERSITY) 175p. 37/02-B, p. 1017 BLE76-16943

WHEELER, ERNEST JAY
HISTOCHEMICAL, ELECTRON MICROSCOPIC, AND AUTORADIOGRAPHIC STUDIES OF THE VERTEBRATE PANETH CELL AND ANALOG COMPUTER SIMULATION STUDIES OF SECRETORY PROCESSES IN EXOCRINE CELLS. (PH.D. 1970 BAYLOR UNIVERSITY) 518p. 31/09-B, p. 5128 BLE71-03180

WHEELER, JAMES EDWARD
A METHODOLOGY FOR ARCHITECTURAL DESIGN OF PROCESSING SYSTEMS - A DISJOINTING CONCEPT. (PH.D. 1971 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 103p. 32/05-B, p. 2724 BLE71-28861

WHELCHEL, BRONEL RICHARD
COMPUTER-ASSISTED INSTRUCTION AS A DETERMINANT FOR SCHOLASTIC ACHIEVEMENT. (PH.D. 1974 STANFORD UNIVERSITY) 267p. 35/07-A, p. 4109 BLE74-27134

WHELCHEL, ROBERT JOE
A NONLINEAR HYBRID SIGNAL PROCESSOR: THE DELTIC-DFPCC. (PH.D. 1975 MISSISSIPPI STATE UNIVERSITY) 414p. 36/11-B, p. 5728 BLE76-11612

WHITAKER, BRUCE ALGER
AN ANALYSIS AND OPTIMIZATION OF MULTISERVER, MULTIQUEUE SYSTEMS WITH FINITE WAITING SPACE IN EACH QUEUE. (PH.D. 1974 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 142p. 35/04-B, p. 1683 BLE74-21556

WHITBECK, RICHARD FRANK
GRAPHICAL ANALYSIS OF NONLINEAR SYSTEMS. (PH.D. 1964 CORNELL UNIVERSITY) 202p. 25/09, p. 5190 BLE65-04167

WHITCOMB, BARRY MICHAEL
THE EFFECTS OF DIFFERENTIALLY REINFORCING STIMULI ON THE LEARNING OF ARITHMETICAL CONCEPTS VIA COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1972 UNIVERSITY OF MARYLAND) 150p. 33/02-A, p. 509 BLE72-21138

WHITE, DONALD EDWIN
OUTPUT FEEDBACK CONTROLLER DESIGN FOR DISTRIBUTED SYSTEMS. (PH.D. 1972 CASE WESTERN RESERVE UNIVERSITY) 189p. 32/12-B, p. 6985 BLE72-18746

WHITE, DOUGLAS LINCOLN
CYBERNETICS AND SOCIAL INSTITUTIONS: A CASE STUDY-THE PUBLIC SCHOOL. (ED.D. 1964 WAYNE STATE UNIVERSITY) 262p. 26/04, p. 2086 BLE65-01853

WHITE, GERRY CURTIS
NUMERICAL CONTROL SYSTEMS MAINTENANCE AND IMPLICATIONS FOR ENGINEERING TECHNOLOGY. (ED.D. 1974 TEXAS A&M UNIVERSITY) 106p. 35/08-A, p. 5079 BLE75-02918

WHITE, JAMES WILLIAM
UNIVARIABLE INPUT PERTURBATION ADAPTIVE OPTIMIZATION OF SYSTEMS WITH TIME DELAY. (PH.D. 1968 THE UNIVERSITY OF WISCONSIN - MADISON) 349p. 29/03-B, p. 993 BLE68-09148

WHITE, LAWRENCE EDWARD
AN ANALYSIS OF PROGRAM STRUCTURE EFFECTS ON PERFORMANCE OF A MULTIPROGRAMMING COMPUTER SYSTEM. (PH.D. 1969 LEHIGH UNIVERSITY) 168p. 30/12-B, p. 5511 BLE70-10625

WHITE, MICHAEL WILLIAM
A CLASS OF PROJECTION METHODS FOR SOLVING SYSTEMS OF N NONLINEAR EQUATIONS IN N UNKNOWNS ALLOWING PROJECTIONS OF ORDER ONE THROUGH N. (PH.D. 1971 IOWA STATE UNIVERSITY) 101p. 32/10-B, p. 5937 BLE72-12815

WHITE, RICHARD HUGH
COMPUTER GUIDANCE INFORMATION PROGRAM. (ED.D. 1968 UNIVERSITY OF UTAH) 136p. 29/04-A, p. 1096 BLE68-14982

WHITE, ROBERT CANTEY, JR.
HYBRID COMPUTER OPTIMIZATION OF SYSTEMS WITH RANDOM PARAMETERS. (PH.D. 1970 THE UNIVERSITY OF ARIZONA) 170p. 31/08-B, p. 4702 BLE71-03666

WHITE, ROBERT RICARDO
SUBOPTIMAL CONTROL OF NONLINEAR SYSTEMS VIA PIECEWISE-LINEAR MODELLING. (PH.D. 1970 UNIVERSITY OF VIRGINIA) 113p. 31/09-B, p. 5374 BLE71-06631

WHITE, RONALD
ORGANIZATION OF A STORED-PROGRAM HIGH-SPEED SPECIAL-PURPOSE COMPUTER FOR THE REALIZATION OF DIGITAL FILTERS. (PH.D. 1971 AUBURN UNIVERSITY) 158p. 32/05-B, p. 2724 BLE71-27846

WHITE, STANLEY ARCHIBALD
THEORY AND DESIGN OF ANALOG LINEAR ESTIMATORS FOR AUTOMATIC-CONTROL SYSTEMS. (PH.D. 1966 PURDUE UNIVERSITY) 154p. 27/02-B, p. 484 BLE66-02332

WHITELAW, CHANDLER PRATT
AN OPTIMAL ALLOCATION COMPUTER SYSTEM FOR ASSIGNING MULTISKILLED PERSONNEL TO DYNAMIC ACTIVITIES. (PH.D. 1974 UTAH STATE UNIVERSITY) 137p. 36/01-B, p. 411 BLE75-14477

WHITING, ROBERT HARLEY
OPTIMIZATION OF WATER RESOURCE SYSTEMS USING COST INCREMENT DYNAMIC PROGRAMMING. (PH.D. 1973 UNIVERSITY OF IDAHO) 194p. 34/03-B, p. 1111 BLE73-21757

WHITLOCK, JAMES SMITH, JR.
MODELING COMPUTER SYSTEMS WITH TIME-VARYING MARKOV CHAINS. (PH.D. 1973 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 1137p. 34/09-B, p. 4329 BLE74-08884

WHITLOCK, LEIGH STUART
INFORMATION CODING AND RETRIEVAL OF NEMATOLOGY LITERATURE ON THE IBM 1620 COMPUTER. (PH.D. 1963 THE LOUISIANA STATE UNIVERSITY AND AGRICULTURAL AND MECHANICAL COL.) 54p. 24/03, p. 927 BLE63-06229

WHITMORE, DOUGLAS MICHAEL
MULTIPLE SCATTERING IN MOLECULES WITH APPLICATIONS TO THE ENERGY BAND STRUCTURE OF A LINEAR SYSTEM. (PH.D. 1975 STANFORD UNIVERSITY) 191p. 35/12-B, p. 6029 BLE75-13816

WHITNEY, V. KEVIN MOORE
A STUDY OF OPTIMAL FILE SITE ASSIGNMENT AND COMMUNICATION NETWORK CONFIGURATION IN REMOTE-ACCESS COMPUTER MESSAGE PROCESSING AND COMMUNICATION SYSTEMS. (PH.D. 1970 THE UNIVERSITY OF MICHIGAN) 438p. 31/12-B, p. 7302 BLE71-15346

WHITNEY, WILLIAM RUSSELL, III
EXPLORATIONS IN COLLEGE ACHIEVEMENT: COMPUTER SCORING OF A STUDY QUESTIONNAIRE. (PH.D. 1969 UNIVERSITY OF WASHINGTON) 117p. 30/07-A, p. 2813 BLE69-22567

WHITT, JERRY DEAN
THE DEVELOPMENT AND ANALYSIS OF THE ALGORITHM SEQUENTIAL ACCESS METHOD (ASAM) OF ADDRESSING DIRECT ACCESS STORAGE DEVICES (DASD). (PH.D. 1973 UNIVERSITY OF ARKANSAS) 233p. 34/05-B, p. 1978 BLE73-27387

WHITTAKER, GERALD FITZROY
AN ECONOMIC AND STATISTICAL EVALUATION OF THE PERFORMANCE OF HOSPITALS IN A MERGED SYSTEM: AN APPLICATION OF A QUASI-EXPERIMENTAL DESIGN. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 259p. 35/07-B, p. 3406 BLE74-28779

WHITTEMORE, BRUCE JAY
A GENERALIZED DECISION-MODEL FOR THE ANALYSIS OF INFORMATION. (PH.D. 1972 THE OHIO STATE UNIVERSITY) 193p. 33/08-B, p. 3684 BLE73-02162

WHYLAND, WILLIAM PATTEE, III
FREQUENCY-DOMAIN ANALYSIS OF DISCRETE-TIME SIGNALS AND SYSTEMS. (PH.D. 1973 SYRACUSE UNIVERSITY) 247p. 34/11-B, p. 5474 BLE74-10187

WIATROWSKI, CLAUDE ALLAN
DESIGN OF A FLOATING-POINT PROCESSOR FOR DIGITAL SIMULATION. (PH.D. 1973 THE UNIVERSITY OF ARIZONA) 119p. 34/02-B, p. 678 BLE73-19126

WICKE, BRIAN GARFIELD
COMPUTER CONTROLLED DATA ACQUISITION AND MOLECULAR BEAM SIMULATION. (PH.D. 1972 HARVARD UNIVERSITY) 426p. 32/12-B, p. 6965 BLE72-16633

WICKENS, CHRISTOPHER DOW
THE EFFECTS OF TIME SHARING ON THE PERFORMANCE OF INFORMATION PROCESSING TASKS: A FEEDBACK CONTROL ANALYSIS. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 163p. 35/11-B, p. 5661 BLE75-10337

WICKHAM, WILLIAM KENNETH, JR.
TIME FLOW MECHANISMS FOR DISCRETE EVENT SIMULATION MODELS. (PH.D. 1971 SOUTHERN METHODIST UNIVERSITY) 187p. 32/06-B, p. 3301 BLE72-00667

WIDDER, VERA AMES
ON SYSTEMS OF LINEAR EQUATIONS IN HILBERT SPACE WITH N PARAMETERS. (PH.D. 1944 BRYN MAWR COLLEGE) 31p. 06/01, p. 96 BLE00-00670

WIDNER, MELVIN MERLE
COMPUTER SIMULATION OF FLUID ION MOTION IN PLASMAS. (PH.D. 1969 THE UNIVERSITY OF IOWA) 86p. 30/09-B, p. 4143 BLE70-04438

WIEBE, PETER HOWARD
ZOOPLANKTON PATCHINESS AND ITS EFFECTS ON SAMPLING ERROR: A FIELD AND COMPUTER MODEL STUDY. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, SAN DIEGO) 198p. 29/06-B, p. 2140 BLE68-17833

WIESKING, ROLF D.
DETERMINISTIC AND STOCHASTIC GEOMETRIC PROGRAMMING MODELS FOR OPTIMAL ENGINEERING DESIGN PROBLEMS IN ELECTRIC POWER GENERATION AND COMPUTER SOLUTIONS. (PH.D. 1973 RENSSELAER POLYTECHNIC INSTITUTE) 250p. 34/12-B, p. 6136 BLE74-12803

WIEDENHOFER, HERMANN
LINEAR AND RADIO ESTIMATION METHODS IN MULTISTAGE SAMPLING, WITH SPECIAL REFERENCE TO A SYSTEM OF VOLUNTARY ANIMAL DISEASE REPORTING. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 192p. 33/07-B, p. 2966 BLE73-01074

WIEDERRICH, JAMES LAWRENCE
DESIGN OF CAM PROFILES FOR SYSTEMS WITH HIGH INERTIAL LOADINGS. (PH.D. 1973 STANFORD UNIVERSITY) 212p. 34/03-B, p. 1120 BLE73-20621

WIENER, DAVID LESTER
A CLASSIFICATION PROBLEM WITH APPLICATION TO INFORMATION RETRIEVAL. (PH.D. 1974 UNIVERSITY OF NOTRE DAME) 115p. 35/06-A, p. 2925 BLE74-25441

WIER, JOSEPH MARION
THE DESIGN AND APPLICATION OF A NONARITHMETIC DATA PROCESSING MACHINE. (PH.D. 1956 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 156p. 16/05, p. 932 BLE00-16438

WIERWILLE, WALTER WERNER
FREQUENCY TECHNIQUES APPLIED TO ADAPTIVE CONTROL SYSTEMS. (PH.D. 1961 CORNELL UNIVERSITY) 140p. 22/11, p. 3968 BLE62-00867

WIETERS, CHARLES DAVID
THE DESIGN AND USE OF SUPPLIER PERFORMANCE RATING SYSTEMS IN SELECTED INDUSTRIES. (D.B.A. 1976 ARIZONA STATE UNIVERSITY) 263p. 36/11-A, p. 7529 BLE76-11111

WILCOX, RALPH MYRON
A COMPUTER METHOD FOR CALCULATING DIRAC TRACES WITH APPLICATIONS TO QUANTUM ELECTRODYNAMICS. (PH.D. 1961 UNIVERSITY OF COLORADO AT BOULDER) 112p. 22/10, p. 3705 BLE62-01309

WILCOX, THOMAS RICHARD
GENERATING MACHINE CODE FOR HIGH-LEVEL PROGRAMMING LANGUAGES. (PH.D. 1971 CORNELL UNIVERSITY) 209p. 32/09-B, p. 5143 BLE72-09969

WILDE, ROBERT REYNOLDS
A BOUNDARY LAYER METHOD FOR OPTIMAL CONTROL OF SINGULARLY PERTURBED SYSTEMS. (PH.D. 1972 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 123p. 33/01-B, p. 206 BLE72-19968

WILDER, JOSEPH
ADAPTIVE CONTROL OF COMMUNICATION SYSTEMS BASED ON SEQUENTIAL CHANNEL MEASURING TECHNIQUES. (PH.D. 1964 UNIVERSITY OF PENNSYLVANIA) 129p. 25/12, p. 7166 BLE65-05819

WILDER, WILLIAM CHARLES
SUBJECTIVELY RELEVANT ERROR CRITERIA FOR PICTORIAL DATA-PROCESSING. (PH.D. 1972 PURDUE UNIVERSITY) 500p. 34/01-B, p. 228 BLE73-15891

WILE, DAVID SHERIDAN
A GENERATIVE, NESTED-SEQUENTIAL BASIS FOR GENERAL PURPOSE PROGRAMMING LANGUAGES. (PH.D. 1974 CARNEGIE-MELLON UNIVERSITY) 160p. 34/11-B, p. 5419 BLE74-11373

WILHOIT, GROVER CLEVELAND, JR.
EXPERIMENTS IN COMPUTERIZED CONTENT ANALYSIS AND INFORMATION RETRIEVAL IN COMMUNICATION RESEARCH. (PH.D. 1967 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 232p. 28/09-A, p. 3628 BLE68-02251

WILKENS, EDWARD JAMES
OPTIMAL REPRESENTATIONS OF FINITE STATE MACHINES FOR COMPUTER SIMULATION. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 221p. 32/04-B, p. 2113 BLE71-26110

WILKINS, MICHAEL GRAY
NEURAL MODELLING: METHODOLOGY, TECHNIQUES, AND A MULTILINEAR MODEL FOR INFORMATION PROCESSING. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 175p. 32/02-B, p. 765 BLE71-21261

WILKINS, PHELPS WALLACE
THE EFFECTS OF COMPUTER ASSISTED CLASSROOM MANAGEMENT ON THE ACHIEVEMENT AND ATTITUDES OF EIGHTH-GRADE MATHEMATICS STUDENTS. (ED.D. 1975 ARIZONA STATE UNIVERSITY) 106p. 36/06-A, p. 3379 BLE75-27091

WILKINS, SALLY FOOTE
GENERATION AND COMPARISON OF EQUIVALENT EQUATION SETS IN A GENERAL PURPOSE SIMULATION AND MODELING PACKAGE. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 299p. 36/05-B, p. 2359 BLE75-24434

WILKINSON, ARTHUR
AN ANALYSIS OF THE EFFECT OF INSTRUCTION IN ELECTRONIC COMPUTER PROGRAMMING LOGIC ON MATHEMATICAL REASONING ABILITY. (ED.D. 1972 LEHIGH UNIVERSITY) 103p. 33/08-A, p. 4204 BLE73-04290

WILKINSON, MELVIN LE ROY
AN INFORMATION PROCESSING SYSTEMS MODEL OF VARIETY, TENSION, AND COMPONENTS OF CREATIVITY. (PH.D. 1974 BRIGHAM YOUNG UNIVERSITY) 125p. 35/03-A, p. 1787 BLE74-19483

WILL, HARTMUT JUERGEN
A CRITICAL ANALYSIS OF THE ASSUMPTIONS UNDERLYING SELECTED MANAGERIAL ACCOUNTING MODELS: AN INFORMATION SYSTEMS APPROACH. (PH.D. 1969 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 347p. 30/04-A, p. 1286 BLE69-15420

WILLCUTT, GORDON J. E., JR.
COMPUTER SIMULATION MODELS FOR TIME-USE OF CAMPING SYSTEMS. (PH.D. 1975 CLARKSON COLLEGE OF TECHNOLOGY) 255p. 36/07-B, p. 3360 BLE76-01790

WILLHARDT, JOHN A.
A COMPARISON OF DATA PROCESSING BUSINESS CURRICULA WITH BUSINESS JOB ENTRY POSITIONS. (PH.D. 1971 THE UNIVERSITY OF IOWA) 187p. 32/09-B, p. 5291 BLE72-08339

WILLIAMS, CHARLES MAX
OSCILLATION PHENOMENA FOR LINEAR DIFFERENTIAL SYSTEMS IN A B*-ALGEBRA. (PH.D. 1971 THE UNIVERSITY OF OKLAHOMA) 66p. 32/11-B, p. 6631 BLE72-14128

WILLIAMS, DAVID LYLE
OPERATIONS RESEARCH IN FACTORY HOME BUILDING. (PH.D. 1972 COLORADO STATE UNIVERSITY) 162p. 33/02-B, p. 828 BLE72-22867

WILLIAMS, DONALD SPENCER
COMPUTER PROGRAM ORGANIZATION INDUCED BY PROBLEM EXAMPLES. (PH.D. 1969 CARNEGIE-MELLON UNIVERSITY) 151p. 30/06-B, p. 2783 BLE69-19114

WILLIAMS, DOUGLAS WAYNE
SYSTEMS ANALYSIS OF THE FLOW OF ENERGY, NUTRIENTS, AND WATER THROUGH THE CALIFORNIA AGRICULTURAL ECOSYSTEM. (D.ENG. 1973 UNIVERSITY OF CALIFORNIA, DAVIS) 181p. 34/04-B, p. 1479 BLE73-21853

WILLIAMS, HAROLD ADDISON, JR.
A HIERARCHICAL NET-STRUCTURE LEARNING SYSTEM FOR PATTERN DESCRIPTION. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 185p. 35/01-B, p. 184 BLE74-10275

WILLIAMS, HOOPER ANDERSON
THE ANALYSIS OF NETWORK VALUE FLOW MODEL OF A SYSTEM FOR SUPPLYING RESIDENTIAL HOUSING. (PH.D. 1973 STANFORD UNIVERSITY) 174p. 33/12-B, p. 5849 BLE73-15000

WILLIAMS, JACK BYRON
RESPONSE OF LINEAR DISCRETE SYSTEMS TO MODULATED SEQUENCES. (PH.D. 1976 SYRACUSE UNIVERSITY) 167p. 37/04-B, p. 1833 BLE76-18572

WILLIAMS, JAMES DOYLE
THE ELECTRIC FIELD VARIATION IN NON-ABRUPT P-N JUNCTIONS, AND ERROR ANALYSIS OF NUMERICAL INTEGRATION WITH PREDICTED OPTIMUM NUMERICAL INTEGRATION-INCREMENT. (PH.D. 1963 PURDUE UNIVERSITY) 91p. 24/12, p. 5301 BLE64-04633

WILLIAMS, JAMES GRIFFITH
AN INVESTIGATION OF A MODEL FOR A GENERALIZED INFORMATION RETRIEVAL PROGRAMMING SYSTEM. (PH.D. 1972 UNIVERSITY OF PITTSBURGH) 581p. 33/09-B, p. 4373 BLE73-04087

WILLIAMS, JOHN GARLAND
A MATHEMATICAL STUDY OF SOME PRICING AND SCHEDULING ALGORITHMS FOR A SHARED COMPUTER FACILITY. (SC.D. 1969 UNIVERSITY OF VIRGINIA) 157p. 31/01-B, p. 170 BLE70-08068

WILLIAMS, LARRY EUGENE
ADAPTIVE CONTROL TECHNIQUES WITHOUT PERTURBATION FOR SYSTEMS WITH INACCESSIBLE STATE VARIABLES WITH APPLICATION TO A SUPERSONIC AIRCRAFT AIR INLET CONTROL SYSTEM. (PH.D. 1973 UNIVERSITY OF MISSOURI - COLUMBIA) 277p. 35/04-B, p. 1675 BLE74-19869

WILLIAMS, LELAND HENDRY
EXTENDED ALGEBRA OF POLYNOMIALS IN SEVERAL VARIABLES FOR A DIGITAL COMPUTER. (PH.D. 1961 DUKE UNIVERSITY) 78p. 21/12, p. 3803 BLE61-01460

WILLIAMS, MARY CARTER
THE ATTITUDES OF MEDICAL SCHOOL ADMINISTRATORS TOWARD COST FACTORS RELATING TO COMPUTER-ASSISTED INSTRUCTION. (PH.D. 1975 THE CATHOLIC UNIVERSITY OF AMERICA) 104p. 36/03-B, p. 1134 BLE75-19886

WILLIAMS, MICHAEL JOHN YATES
ENHANCING TESTABILITY OF LARGE-SCALE INTEGRATED CIRCUITS VIA TEST POINTS AND ADDITIONAL LOGIC. (PH.D. 1971 STANFORD UNIVERSITY) 89p. 32/02-B, p. 953 BLE71-19780

WILLIAMS, ROBIN
A SYSTEMATIC METHOD FOR THE CREATION OF DATA STRUCTURES IN COMPUTER GRAPHICS APPLICATIONS. (PH.D. 1971 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 193p. 32/05-B, p. 2651 BLE71-29997

WILLIAMS, RONALD ALVIN
COMPUTER ANALYSIS AND MODEL OF THE PROPERTIES OF PULMONARY SURFACTANT: EFFECTS OF NITROGEN DIOXIDE. (PH.D. 1970 THE PENNSYLVANIA STATE UNIVERSITY) 147p. 31/06-B, p. 3416 BLE70-24204

WILLIAMS, RUSSELL HARRY
A SYSTEM DESCRIPTION LANGUAGE USING PARAMETRIC TEXT GENERATION. (PH.D. 1970 SYRACUSE UNIVERSITY) 94p. 32/01-B, p. 232 BLE71-18816

WILLIAMS, THOMAS ARTHUR
SCHEDULING ALGORITHM FOR A DEMAND-RESPONSE BUS SYSTEM. (PH.D. 1970 RENSSELAER POLYTECHNIC INSTITUTE) 186p. 31/11-B, p. 6565 BLE71-12831

WILLIAMSON, ROBERT EDWARD
REAL-TIME INFORMATION RETRIEVAL. (PH.D. 1974 CORNELL UNIVERSITY) 457p. 35/08-A, p. 3665 BLE74-26331

WILLIS, THOMAS CREIGHTON
MUSIC IN ORCHESTRA HALL: A PILOT STUDY IN THE USE OF COMPUTERS AND OTHER DATA PROCESSING EQUIPMENT FOR RESEARCH IN THE HISTORY OF MUSIC PERFORMANCE. (PH.D. 1966 NORTHWESTERN UNIVERSITY) 286p. 27/07-A, p. 2172 BLE66-14093

WILLKE, THEODORE LAWRENCE
INFORMATION REQUIREMENTS FOR DECISION-MAKING IN DYNAMIC PRODUCTION PLANNING AND CONTROL SYSTEMS. (PH.D. 1974 THE OHIO STATE UNIVERSITY) 266p. 35/08-B, p. 3922 BLE75-03226

WILLNER, LUTZ
COMPENSATOR DESIGN FOR LOW-SENSITIVITY LINEAR TIME-INVARIANT SYSTEMS. (PH.D. 1971 RENSSELAER POLYTECHNIC INSTITUTE) 184p. 32/06-B, p. 3407 BLE72-01216

WILLOUGHBY, JOHN KENDALL
ADAPTATIONS OF THE CONJUGATE GRADIENT METHOD TO OPTIMAL CONTROL PROBLEMS WITH TERMINAL STATE CONSTRAINTS. (PH.D. 1969 IOWA STATE UNIVERSITY) 122p. 31/02-B, p. 633 BLE70-13646

WILLOUGHBY, THEODORE CRAWFORD
NEEDS, INTERESTS, REINFORCER PATTERNS AND SATISFACTION OF DATA PROCESSING PERSONNEL. (PH.D. 1971 UNIVERSITY OF MINNESOTA) 244p. 32/10-A, p. 5421 BLE71-22278

WILLSON, ROBERT HARRY
A CAPACITIVELY COUPLED BISTABLE GAS DISCHARGE CELL FOR COMPUTER CONTROLLED DISPLAYS. (PH.D. 1966 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 69p. 27/11-B, p. 3946 BLE67-06776

WILSON, DENNIS LEE
NEAREST NEIGHBOR RULES IN PATTERN RECOGNITION. (PH.D. 1970 STANFORD UNIVERSITY) 128p. 31/05-B, p. 2803 BLE70-22218

WILSON, EDWIN BRYAN
AN OPERATIONS RESEARCH APPROACH TO THE DESIGN OF OPTIMAL ACCEPTANCE SAMPLING PLANS. (PH.D. 1970 TEXAS A&M UNIVERSITY) 248p. 31/10-B, p. 6005 BLE71-08824

WILSON, LANCE RAYMOND
UTILIZATION OF COMPUTER SIMULATION AND MULTIVARIATE TECHNIQUES TO ANALYZE GOAL ORIENTATION AND STRATEGY BEHAVIOR OF SUBJECTS PLAYING A SIMULATION GAME. (PH.D. 1974 UNIVERSITY OF MINNESOTA) 183p. 35/06-A, p. 3906 BLE74-26256

WILSON, PETER BRIAN
THE MONTE CARLO SOLUTION OF LARGE LINEAR SYSTEMS. (PH.D. 1974 THE UNIVERSITY OF WISCONSIN - MADISON) 123p. 35/12-B, p. 5849 BLE75-08849

WILSON, PHILLIP DAVID
ADAPTIVE SMOOTHING AND PREDICTION OF A NONSTATIONARY MULTIVARIATE TIME SERIES—AN APPROACH TO COMPUTER MONITORING OF PATIENTS IN AN INTENSIVE CARE UNIT. (PH.D. 1970 THE JOHNS HOPKINS UNIVERSITY) 139p. 32/01-B, p. 232 BLE71-16756

WILSON, RICHARD CHRISTIAN
EVALUATION OF SPATIAL RELATIONS AND EMPIRICAL PLANT LAYOUT CRITERIA BY DIGITAL COMPUTER. (PH.D. 1961 THE UNIVERSITY OF MICHIGAN) 143p. 22/07, p. 2313 BLE61-06480

WILSON, WILLIAM PANNELL
A COMPUTER-BASED ENROLLMENT PROJECTION SYSTEM. (ED.D. 1975 SYRACUSE UNIVERSITY) 118p. 36/10-A, p. 6422 BLE76-07411

WIN, SOE MYINT
TIME OPTIMAL CONTROL OF NONLINEAR SAMPLED-DATA SYSTEMS. (PH.D. 1964 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 72p. 25/08, p. 4616 BLE65-00836

WINDECKER, ROLAND THEODORE
A COMPUTER-AIDED DESIGN FOR SYNTHESIZING NETWORKS CONSISTING OF PARALLEL RC OR DISTRIBUTED TRANSMISSION PATHS. (PH.D. 1970 SOUTHERN METHODIST UNIVERSITY) 175p.
31/08-B, p. 4703 **BLE71-01578**

WING, JACK
MINIMAL TIME CONTROL PROBLEM FOR LINEAR DISCRETE SYSTEMS. (PH.D. 1963 UNIVERSITY OF CALIFORNIA, BERKELEY) 96p.
24/03, p. 1122 **BLE63-05575**

WINGATE, ROBERT TUCKER
FUEL-OPTIMAL REORIENTATION OF A SPINNING BODY. (PH.D. 1971 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 133p.
31/09-B, p. 5690 **BLE71-07917**

WINGER, DONLEY JAMES
ERROR ANALYSIS OF AN INTEGRATED INERTIAL/DOPPLER-SATELLITE NAVIGATION SYSTEM WITH CONTINUOUS AND MULTIPLE SATELLITE COVERAGE. (PH.D. 1971 IOWA STATE UNIVERSITY) 134p. 32/03-B, p. 1587 **BLE71-21982**

WINGERT, EVERETT ARVIN
POTENTIAL ROLE OF OPTICAL DATA-PROCESSING IN GEO-CARTOGRAPHIC SPATIAL ANALYSIS. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 292p.
34/07-B, p. 3303 **BLE74-00847**

WINGFIELD, MICHAEL ALLEN
THE DESIGN OF AN EXTENSIBLE PROCESSOR. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 240p. 33/04-B, p. 1501 **BLE72-25852**

WINKLER, ANTHONY JERRY
A METHODOLOGY FOR COMPARISON OF FILE ORGANIZATION AND PROCESSING PROCEDURES FOR HIERARCHICAL STORAGE STRUCTURES. (PH.D. 1970 THE UNIVERSITY OF TEXAS AT AUSTIN) 80p.
31/07-B, p. 3983 **BLE71-00215**

WINN, WESLEY WAYNE, SR.
DESIGN OF A STUDENT PERSONNEL ADMINISTRATION PREPARATORY PROGRAM FOR NORTHWESTERN UNIVERSITY WHICH UTILIZES THE SYSTEMS APPROACH METHODOLOGY. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 359p.
35/06-A, p. 3443 **BLE74-28781**

WINNER, ROBERT IAN
THE PRIMARY LOGICS OF PROGRAMMING LANGUAGES. (PH.D. 1975 GEORGIA INSTITUTE OF TECHNOLOGY) 113p.
37/01-B, p. 341 **BLE76-15801**

WINOGRAD, SHMUEL
ON THE TIME REQUIRED TO PERFORM COMPUTER OPERATIONS. (PH.D. 1968 NEW YORK UNIVERSITY) 85p. 29/03-B, p. 1099 **BLE68-13148**

WINSKE, DAN
ANALYSIS OF WAVE-PARTICLE INTERACTIONS IN A BEAM PLASMA SYSTEM. (PH.D. 1974 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 193p.
35/12-B, p. 6037 **BLE75-11803**

WINSOR, CHESTER A.
MODEL REFERENCED CONTROL SYSTEM DESIGN. (DR.ENG. 1969 RENSSELAER POLYTECHNIC INSTITUTE) 155p. 30/08-B, p. 3655 **BLE70-02680**

WINTER, MARY
THE DEVELOPMENT OF A HOUSING INFORMATION RETRIEVAL SYSTEM. (PH.D. 1970 THE PENNSYLVANIA STATE UNIVERSITY) 236p.
31/09-B, p. 5462 **BLE71-06373**

WINTERS, MELVIN LYLE
A MANUAL OF OPERATION FOR AN IBM DATA-PROCESSING SYSTEM DESIGNED FOR SECONDARY SCHOOLS OF OVER 1,000 STUDENTS IN THE AREAS OF STUDENT PROGRAMMING, GRADE REPORTING AND RELATED APPLICATIONS. (ED.D. 1962 UNIVERSITY OF KANSAS) 132p.
24/12, p. 5180 **BLE64-06797**

WINTON, HENRY JOE
COMPUTER MODEL OF HUMAN THERMOREGULATION. (PH.D. 1971 THE UNIVERSITY OF SANTA CLARA) 280p.
33/10-B, p. 4781 **BLE73-09251**

WIRTH, SUSAN KATHERINE
A PARAPHRASING STRATEGY IN THE CONTENT GRADING OF ESSAY EXAMINATIONS BY COMPUTER. (PH.D. 1972 THE UNIVERSITY OF CONNECTICUT) 134p. 33/08-A, p. 2626 **BLE72-32195**

WISHNER, RICHARD PHILLIP
ON MARKOV PROCESSES IN CONTROL SYSTEMS. (PH.D. 1960 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 107p. 21/06, p. 1509 **BLE60-04022**

WISMER, DAVID ARTHUR, JR.
OPTIMAL CONTROL OF DISTRIBUTED PARAMETER SYSTEMS USING MULTILEVEL TECHNIQUES. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 136p. 27/11-B, p. 3946 **BLE67-06407**

WITTE, ALFRED HENRY, JR.
STEADY-STATE ANALYSIS OF LINEAR DISTRIBUTED-PARAMETER SYSTEMS. (PH.D. 1968 UNIVERSITY OF MISSOURI - COLUMBIA) 194p.
29/08-B, p. 2893 **BLE69-03422**

WITTICH, WALTER W.
AN APPLICATION OF DIGITAL COMPUTER LOGIC TO SPEECH AUDIOMETRIC PROCEDURES. (PH.D. 1970 UNIVERSITY OF SOUTHERN MISSISSIPPI) 190p.
31/11-B, p. 6710 **BLE71-13692**

WITTIE, LARRY DAWSON
A COMPUTER SYSTEM TO MODEL THE CEREBELLAR CORTEX AND OTHER BRAIN STRUCTURES. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 321p. 34/10-B, p. 4918 **BLE74-00615**

WITZ, JOHN ALVA
SYSTEMS MODELING AND COMPUTER SIMULATION OF THE BEEF FEEDLOT ANIMAL. (PH.D. 1972 OKLAHOMA STATE UNIVERSITY) 184p.
33/12-B, p. 5839 **BLE73-15281**

WO, YIU KWAN
THE APE MACHINE: A NOVEL STOCHASTIC COMPUTER BASED ON A SET OF AUTONOMOUS PROCESSING ELEMENTS. (PH.D. 1973 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 110p.
34/03-B, p. 1111 **BLE73-17870**

WOFSEY, MARVIN MILTON
MANAGMENT OF AUTOMATIC DATA PROCESSING SYSTEMS. (PH.D. 1967 THE AMERICAN UNIVERSITY) 423p. 28/04-A, p. 1510 **BLE67-11770**

WOGAMAN, THOMAS DONALD
DATA PROCESSING: ITS INTRODUCTION AND USE IN SECONDARY SCHOOLS. (ED.D. 1965 UNIVERSITY OF CALIFORNIA, BERKELEY) 214p.
26/02, p. 843 **BLE65-08296**

WOJCIK, ANTHONY STEPHEN
RELATIONSHIPS BETWEEN POST AND BOOLEAN ALGEBRAS WITH APPLICATION TO MULTI-VALUED SWITCHING THEORY. (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 123p.
32/08-B, p. 4539 **BLE72-07111**

WOLAVER, LYNN ELLSWORTH
SECOND ORDER PROPERTIES OF NONLINEAR SYSTEMS DRIVEN BY RANDOM NOISE. (PH.D. 1964 THE UNIVERSITY OF MICHIGAN) 265p.
25/12, p. 7121 **BLE65-05961**

WOLCOTT, JEANNETTE MARY
THE EFFECT OF COMPUTER-ASSISTED INSTRUCTION, TRADITIONAL INSTRUCTION, AND LOCUS-OF-CONTROL ON ACHIEVEMENT OF BEGINNING TYPEWRITING STUDENTS. (ED.D. 1976 TEMPLE UNIVERSITY) 103p. 37/04-A, p. 1942 **BLE76-22070**

WOLF, ALFRED A.
A MATHEMATICAL THEORY FOR THE ANALYSIS OF A CLASS OF NONLINEAR SYSTEMS. (PH.D. 1958 UNIVERSITY OF PENNSYLVANIA) 279p.
19/07, p. 1696 **BLE58-03384**

WOLFENSON, LEWIS BARRY
A COMPUTER SYSTEM FOR CARDIAC CATHETERIZATION. (PH.D. 1972 UNIVERSITY OF MINNESOTA) 203p.
33/11-B, p. 5355 **BLE73-10657**

WOLFF, KATHRYN EBBERSOL
THE CHARACTERISTICS AND USES OF "CHIMP": A NEW COMPUTER-ASSISTED INSTRUCTION LANGUAGE. (PH.D. 1972 UNIVERSITY OF MARYLAND) 262p. 34/06-A, p. 3185 **BLE73-28907**

WOLFF, ROBERT FRANCIS
A FEASIBILITY STUDY ON THE CONSTRUCTION OF A DIAGNOSTIC TEST ON PROPER FRACTIONS TO BE ADMINISTERED, SCORED AND INTERPRETED BY A COMPUTER. (ED.D. 1968 LEHIGH UNIVERSITY) 160p.
29/11-A, p. 3787 **BLE69-07367**

WOLLKIND, ROBERT ABRAHAM
A LINEAR STABILITY ANALYSIS OF A TWO-DIMENSIONAL FLUID FLOW IN A CONSTANTLY ROTATING SYSTEM. (PH.D. 1970 RENSSELAER POLYTECHNIC INSTITUTE) 142p.
31/08-B, p. 4872 **BLE71-03937**

WOLOVICH, WILLIAM ANTHONY
A FREQUENCY DOMAIN APPROACH TO THE DESIGN AND ANALYSIS OF LINEAR MULTIVARIABLE SYSTEMS. (PH.D. 1970 BROWN UNIVERSITY) 115p.
31/12-B, p. 7248 **BLE71-13667**

WOLSKE, GARY DANIEL
MINIMUM FUEL ATTITUDE CONTROL OF A NONLINEAR SATELLITE SYSTEM WITH BOUNDED CONTROL BY A METHOD BASED ON LINEAR PROGRAMMING. (PH.D. 1969 STANFORD UNIVERSITY) 109p. 30/08-B, p. 3656 **BLE70-01630**

WOLSKO, THOMAS DAVID
DEPLETION ANALYSIS OF MULTI-ZONE FAST BREEDER SYSTEMS. (PH.D. 1968 PURDUE UNIVERSITY) 285p. 29/03-B, p. 1041 **BLE68-12841**

WOLVERTON, CHARLES TILLMAN, III
ASYMPTOTICALLY OPTIMAL DISCRIMINANT FUNCTIONS FOR PATTERN RECOGNITION. (PH.D. 1968 THE UNIVERSITY OF TEXAS AT AUSTIN) 50p.
29/06-B, p. 2047 **BLE68-16161**

WOLZ, WILLIAM T.
COMPUTER AUGMENTED MANAGEMENT BY OBJECTIVES: CONTRIBUTIONS OF SELECTED PERFORMANCE, SATISFACTION AND PERSONALITY VARIABLES. (PH.D. 1973 UNIVERSITY OF PITTSBURGH) 208p. 34/03-A, p. 955 **BLE73-21335**

WOMACK, BAXTER FRANK
SYNTHESIS OF A CLASS OF LINEAR TIME-VARIABLE PARAMETER CONTROL SYSTEMS. (PH.D. 1963 PURDUE UNIVERSITY) 128p.
26/05, p. 2655 **BLE65-13006**

WOMBLE, GARY WARREN
COMPUTER SIMULATED EFFECTS OF NON-NORMALITY ON THE F RATIO IN ANALYSIS OF VARIANCE. (PH.D. 1970 UNIVERSITY OF MIAMI) 62p.
31/11-B, p. 6987 **BLE71-10676**

WONG, JOHNNY WAI-NANG
QUEUEING NETWORK MODELS FOR COMPUTER SYSTEMS. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 254p.
36/07-B, p. 3478 **BLE76-01172**

WONG, KWAN YUI
ESTIMATION OF PARAMETERS OF LINEAR SYSTEMS USING INSTRUMENTAL VARIABLE METHOD. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 206p.
27/09-B, p. 3111 **BLE66-15519**

WOO, CHING-HUNG
LINEAR STOCHASTIC MOTIONS OF PHYSICAL SYSTEMS. (PH.D. 1962 UNIVERSITY OF CALIFORNIA, BERKELEY) 63p. 26/05, p. 2816 **BLE63-05483**

WOO, TONY CHENG-HSIANG
COMPUTER UNDERSTANDING OF DESIGNS. (PH.D. 1975 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 164p.
36/09-9, p. 4635 **BLE76-07017**

WOOD, DEAN ARTHUR
THE MONTE CARLO INTEGRATION COMPUTER AS AN INSTRUCTIONAL MODEL FOR THE SIMULATION OF EQUILIBRIUM AND KINETIC CHEMICAL PROCESSES: THE DEVELOPMENT AND EVALUATION OF A TEACHING AID. (ED.D. 1972 TEMPLE UNIVERSITY) 202p. 33/04-A, p. 1545 **BLE72-20222**

WOOD, JOHANNA SMITH
AN ANALYSIS OF THE EFFECT OF THE INSTRUCTIONAL DEVELOPMENT INSTITUTE PROGRAM ON ATTITUDES OF A SELECTED GROUP OF PUBLIC SCHOOL PERSONNEL TOWARD UTILIZATION OF THE SYSTEMS APPROACH IN INSTRUCTIONAL DEVELOPMENT. (PH.D. 1973 UNIVERSITY OF MARYLAND) 139p. 34/11-A, p. 6966 **BLE74-09618**

WOOD, LINCOLN JACKSON
SECOND ORDER OPTIMALITY CONDITIONS AND OPTIMAL FEEDBACK FOR VARIABLE END TIME TERMINAL CONTROL PROBLEMS. (PH.D. 1972 STANFORD UNIVERSITY) 181p.
33/06-B, p. 2570 **BLE72-30722**

WOOD, OLIN REECEL
AN ANALYSIS OF FACULTY MOTIVATION TO WORK IN THE NORTH CAROLINA COMMUNITY COLLEGE SYSTEM. (ED.D. 1973 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 148p.
35/02-A, p. 901 **BLE74-19036**

WOOD, REX LEROY
A TELECOMMUNICATIONS NETWORK FOR DATA PROCESSING IN SCHOOLS: A MATHEMATICAL MODEL. (ED.D. 1966 MICHIGAN STATE UNIVERSITY) 203p. 27/08-A, p. 2354 **BLE66-14188**

WOOD, THOMAS J.
AN APPLICATION OF DIGITAL COMPUTER LOGIC TO PURE-TONE AUDIOMETRIC PROCEDURES. (PH.D. 1970 UNIVERSITY OF SOUTHERN MISSISSIPPI) 174p.
31/12-B, p. 7384 **BLE71-13693**

WOOD, VICTOR DAVID
A MATHEMATICAL MODEL FOR COMPUTER ASSISTED COURSE STRUCTURING, STUDENT CLASS PLACEMENT, PROGRESS REPORTING, AND PROGRAM EVALUATION. (ED.D. 1972 UNIVERSITY OF SOUTHERN CALIFORNIA) 171p.
33/04-A, p. 1396 **BLE72-27704**

WOODARD, JEROME CHARLES
PROLATE SHEROIDAL WAVEFORM EXPANSIONS FOR COMPUTER-AIDED SIGNAL PROCESSING. (PH.D. 1969 STANFORD UNIVERSITY) 123p.
30/08-B, p. 3656 **BLE70-01632**

WOODFILL, MARVIN CARL
A PULSE-DENSITY COMPUTER USING TRANSFLUXERS. (PH.D. 1964 IOWA STATE UNIVERSITY) 92p. 25/05, p. 2912 **BLE64-10673**

WOODMANSEE, GEORGE HORACE
A DEFINITIONALLY EXTENDIBLE TYPE-LOGIC FOR MECHANICAL THEOREM PPOVING. (PH.D. 1971 THE UNIVERSITY OF WISCONSIN - MADISON) 268p.
32/03-B, p. 1501 **BLE71-16911**

WOODROW, PHILIP TRAVIS
ANALYSIS OF CHROMATOGRAPHIC SYSTEMS USING ORTHOGONAL COLLOCATION. (DR.ENG. 1974 RENSSELAER POLYTECHNIC INSTITUTE) 229p.
35/05-B, p. 2172 **BLE74-26101**

WOODRUFF, HUGH BOYD
TEXT SEARCHING AND PATTERN RECOGNITION OF CHEMICAL SPECTROSCOPIC DATA. (PH.D. 1975 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 175p. 37/03-B, p. 1213 **BLE76-20090**

WOODS, ROBERT LOREN
THE LOGICAL SYNTHESIS OF HYBRID CONTROL SYSTEMS. (PH.D. 1971 OKLAHOMA STATE UNIVERSITY) 78p. 33/02-B, p. 747 **BLE72-22016**

WOODWARD, ERNEST LAIL
A COMPARATIVE STUDY OF TEACHING STRATEGIES INVOLVING ADVANCE ORGANIZERS AND POST ORGANIZERS AND DISCOVERY AND NONDISCOVERY TECHNIQUES WHERE THE INSTRUCTION IS MEDIATED BY COMPUTER. (ED.D. 1966 THE FLORIDA STATE UNIVERSITY) 138p.
27/11-A, p. 3787 **BLE67-05530**

WOODWARD, LAWRENCE GODFREY
THE EFFECTS OF AUTOMATIC DATA PROCESSING SYSTEMS ON THE JOB STRUCTURE OF THE FEDERAL GOVERNMENT. (PH.D. 1959 THE AMERICAN UNIVERSITY) 396p. 20/03, p. 1066 **BLE59-03053**

WOOLEY, JON KENNETH
AN EXPERIMENTAL EVALUATION OF THE EFFECTIVENESS AND EFFECTS OF COMPUTER-BASED TEACHING MODULES USED TO SUPPLEMENT INSTRUCTION IN AN INTRODUCTORY COLLEGE-LEVEL ASTRONOMY COURSE. (PH.D. 1976 THE UNIVERSITY OF MICHIGAN) 300p.
37/03-A, p. 1479 **BLE76-19278**

WOOLF, ASHBY MOREFIELD
ANALYSIS AND OPTIMIZATION OF MULTIPROGRAMMED COMPUTER SYSTEMS USING STORAGE HIERARCHIES. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 332p.
32/03-B, p. 1502 **BLE71-23919**

WOON, PETER YI-DO
A COMPUTER PROCEDURE FOR GENERATING VISIBLE-LINE DRAWINGS OF SOLIDS BOUNDED BY QUADRIC SURFACES. (PH.D. 1971 NEW YORK UNIVERSITY, SCHOOL OF ENGINEERING AND SCIENCE) 93p. 32/03-B, p. 1502 **BLE71-23066**

WOOTON, LELAND MICHAEL
THE SOCIAL IMPLICATIONS OF THE USE OF COMPUTERS ACROSS NATIONAL BOUNDARIES. (PH.D. 1973 UNIVERSITY OF SOUTHERN CALIFORNIA) 456p. 35/01-A, p. 564 **BLE74-14450**

WORKMAN, HAROLD WILLIAM
EIXED CLASSIFIER PATTERN RECOGNITION USING ITERATIVELY PRODUCED PREPROCESSING. (PH.D. 1969 IOWA STATE UNIVERSITY) 117p.
30/06-B, p. 2709 **BLE69-20687**

WORMAN, WALTER ELLIOTT
SELF-SUSTAINED NONLINEAR OSCILLATIONS OF MEDIUM AMPLITUDE IN CLARINET-LIKE SYSTEMS. (PH.D. 1971 CASE WESTERN RESERVE UNIVERSITY) 167p. 32/03-B, p. 1753 **BLE71-22869**

WORTMAN, DAVID BARKLEY
A STUDY OF LANGUAGE DIRECTED COMPUTER DESIGN. (PH.D. 1973 STANFORD UNIVERSITY) 215p.
33/12-B, p. 5771 **BLE73-15002**

WOUTERS, WILLY RENE E.
ON THE PARAMETER ADAPTIVE CONTROL OF LINEAR STOCHASTIC SYSTEMS. (PH.D. 1974 THE UNIVERSITY OF TEXAS AT AUSTIN) 232p.
35/05-B, p. 2233 **BLE74-24953**

WOYACH, FREDERICK JOHN
BLOCK-TRANSFORM SCANNING FOR PATTERN RECOGNITION. (PH.D. 1973 THE UNIVERSITY OF WISCONSIN - MADISON) 242p.
34/12-B, p. 6004 **BLE74-07803**

WOZNY, MICHAEL JOHN
ON THE CONSTRUCTION OF LIAPUNOV FUNCTIONS FOR THIRD ORDER CONTROL SYSTEMS WITH LIMIT CYCLES. (PH.D. 1965 THE UNIVERSITY OF ARIZONA) 161p. 26/10, p. 5953 **BLE66-01042**

WRIGHT, CHARLES THOMAS, JR.
A METHOD FOR THE COMPLETE DEFINITION OF PROGRAMMING LANGUAGES. (PH.D. 1970 IOWA STATE UNIVERSITY) 61p.
31/06-B, p. 3329 **BLE70-25636**

WRIGHT, KIETH CARTER
COMPUTER-ASSISTED ANALYSIS OF A LARGE CORPUS OF CURRENT EDUCATIONAL REPORT VOCABULARY. (D.L.S. 1972 COLUMBIA UNIVERSITY) 526p. 33/05-A, p. 2402 **BLE72-28114**

WRIGHT, ROBERT DONALD
COMPUTER SCHEDULING IN SELECTED SECONDARY SCHOOLS IN NEW JERSEY. (ED.D. 1965 RUTGERS UNIVERSITY THE STATE U. OF NEW JERSEY (NEW BRUNSWICK)) 159p. 27/02-A, p. 368 **BLE66-06786**

WRIGHT, WILLIAM VAUGHN
AN INTERACTIVE COMPUTER GRAPHIC SYSTEM FOR MOLECULAR STUDIES. (PH.D. 1972 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 549p. 33/04-B, p. 1501 BLE72-24888

WRIGHT, WISTER CORDELL
AN EFFICIENT, COMPUTER-ORIENTED METHOD FOR STABILITY ANALYSIS OF LARGE MULTIVARIABLE SYSTEMS. (PH.D. 1968 THE UNIVERSITY OF TENNESSEE) 173p. 29/11-B, p. 4141 BLE69-07191

WRUBLE, NELSON
AN INVESTIGATION INTO THE RELATIVE EFFECTIVENESS OF THE PROVIDENT AND DECOMPOSITION METHODS OF SUBTRACTION ON GOOD AND POOR COMPUTERS. (PH.D. 1974 THE PENNSYLVANIA STATE UNIVERSITY) 283p. 35/12-A, p. 7736 BLE75-10807

WU, CHENG-AN
ON OPTIMUM CONTROL SYSTEMS WITH VARIATIONS IN INITIAL CONDITIONS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 103p. 29/10-B, p. 3752 BLE69-05380

WU, MIN-YEN
STABILITY OF NONLINEAR FEEDBACK SYSTEMS. (PH.D. 1968 UNIVERSITY OF CALIFORNIA, BERKELEY) 141p. 29/12-B, p. 4663 BLE69-10411

WU, ROBERT S.
COMPUTER CLASS-SCHEDULING IN COLORADO HIGH SCHOOLS. (PH.D. 1974 UNIVERSITY OF NORTHERN COLORADO) 108p. 35/09-A, p. 5703 BLE75-05453

WU, SHERMAN HSIU-HUANG
STABILITY ANALYSIS OF NONLINEAR PULSE MODULATED FEEDBACK CONTROL SYSTEMS. (PH.D. 1965 NORTHWESTERN UNIVERSITY) 143p. 26/06, p. 3211 BLE65-12183

WU, SHIANG MING
AN EFFICIENT ALGORITHM OF GENERATING FAULT DETECTION AND LOCATION TEST SETS FOR COMBINATIONAL LOGIC CIRCUITS. (PH.D. 1974 NORTHWESTERN UNIVERSITY) 62p. 35/06-B, p. 2761 BLE74-28784

WU, TSO-HAI
TIME OPTIMAL CONTROL WITH A FUEL CONSTRAINT FOR LINEAR TIME-INVARIANT SECOND-ORDER PLANTS. (PH.D. 1970 THE OHIO STATE UNIVERSITY) 187p. 31/04-B, p. 1986 BLE70-19379

WU, YA-LIANG
A METHOD FOR THE DESIGN OF LINEAR TIME INVARIANT CONTROL SYSTEMS. (PH.D. 1972 THE UNIVERSITY OF IOWA) 86p. 33/07-B, p. 3096 BLE73-00710

WULF, ALEXANDER
SOME STATISTICAL MECHANICAL MODELS FOR SYSTEMS OF LONG LINEAR MOLECULES; APPLICATION TO THE ISOTROPIC-NEMATIC LIQUID CRYSTAL TRANSITION. (PH.D. 1970 UNIVERSITY OF MARYLAND) 87p. 31/08-B, p. 4907 BLE71-04102

WULFECK, WALLACE HOWARD, II
AN ALGORITHMIC APPROACH TO CURRICULUM CONSTRUCTION: DEVELOPMENT, COMPUTER IMPLEMENTATION, AND EVALUATION OF A METHOD FOR IDENTIFYING INSTRUCTIONAL CONTENT SEQUENCES. (PH.D. 1975 UNIVERSITY OF PENNSYLVANIA) 311p. 36/12-A, p. 7967 BLE76-12386

WYLIE, BRUCE KERR
AN ANALYSIS OF ERROR SAMPLED PULSE FREQUENCY MODULATED CONTROL SYSTEMS. (PH.D. 1971 UNIVERSITY OF MASSACHUSETTS) 224p. 32/06-B, p. 3371 BLE72-00644

WYNKOOP, DANIEL WOODBURY, III
THE APPLICATION OF SYSTEMS TECHNIQUES, MODULES AND BEHAVIORAL OBJECTIVES TO A COUNSELOR EDUCATION MODEL. (ED.D. 1973 BRIGHAM YOUNG UNIVERSITY) 178p. 34/04-A, p. 1634 BLE73-24304

WYSONG, EARL MARSHALL
AN ANALYSIS OF THE EFFECTIVENESS OF COMPUTER-BASED FINANCIAL MANAGEMENT SYSTEMS IN THE CIVIL AGENCIES OF THE FEDERAL GOVERNMENT. (D.B.A. 1972 THE GEORGE WASHINGTON UNIVERSITY) 209p. 33/08-A, p. 3849 BLE73-03881

Y

YAGODA, HARRY NATHAN
ON THE DESIGN OF LINEAR PROCESS ADAPTIVE CONTROL SYSTEMS. (PH.D. 1963 POLYTECHNIC INSTITUTE OF NEW YORK) 117p. 24/07, p. 2846 BLE64-00344

YAKOWITZ, SIDNEY J.
THE THEORY OF ADAPTIVE CONTROL PROCESSES AND ITS APPLICATION TO PROBLEMS OF TWO-ARMED BANDITS AND PATTERN RECOGNITION. (PH.D. 1967 ARIZONA STATE UNIVERSITY) 110p. 27/12-B, p. 4404 BLE67-07367

YAM, THOMAS HIN-SONG
APPLICATION OF DISCRETE OBSERVER IN THE DESIGN OF SAMPLED-DATA CONTROL SYSTEM. (PH.D. 1973 UNIVERSITY OF MINNESOTA) 114p. 34/05-B, p. 2037 BLE73-25877

YAMADA, KEIGO
OPTIMAL CONTROL OF DIFFUSION PROCESSES WITH DISCONTINUOUS COEFFICIENTS. (PH.D. 1973 STANFORD UNIVERSITY) 66p. 33/12-B, p. 5986 BLE73-15003

YANG, JULIE CHI-SUN
QUALITATIVE AND QUANTITATIVE ANALYSIS OF MULTI-COMPONENT SYSTEMS BY X-RAY DIFFRACTION. (PH.D. 1955 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 209p. 16/02, p. 233 BLE00-15281

YANG, KYUNG-GAP
OPTIMIZATION OF A CLASS OF DISTRIBUTED PARAMETER CONTROL SYSTEMS. (PH.D. 1968 THE JOHNS HOPKINS UNIVERSITY) 111p. 29/06-B, p. 2047 BLE68-16502

YANG, PAUL JING-YEA
ANALYSIS OF WASTEWATER RECLAMATION AND REUSE SYSTEMS. (PH.D. 1974 CORNELL UNIVERSITY) 150p. 35/02-B, p. 818 BLE74-18128

YANG, SEN-CHI
LOW-SENSITIVITY DESIGN OF OPTIMAL FEEDBACK SYSTEMS FOR LONGITUDINAL CONTROL OF AUTOMATED TRANSIT VEHICLES. (PH.D. 1973 UNIVERSITY OF MINNESOTA) 147p. 34/06-B, p. 2668 BLE73-29438

YANG, SHIH-CHIEN
MULTIPLE FAULT DETECTION IN LOGIC CIRCUITS. (PH.D. 1973 NORTHWESTERN UNIVERSITY) 73p. 34/09-B, p. 4385 BLE74-07882

YANG, THOMAS MAN
FEEDBACK CONTROL OF CIRCULATORY MECHANICAL SYSTEMS. (PH.D. 1972 STANFORD UNIVERSITY) 81p. 33/06-B, p. 2638 BLE72-30724

YANG, YUE KWANG
ANALYSIS OF DISTRIBUTED CHEMICAL REACTION SYSTEMS. (PH.D. 1973 PRINCETON UNIVERSITY) 214p. 37/03-B, p. 1355 BLE76-20346

YAO, SHI BING
EVALUATION AND OPTIMIZATION OF FILE ORGANIZATIONS THROUGH ANALYTIC MODELING. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 215p. 35/11-B, p. 5384 BLE75-10347

YATES, ROBERT EMMETT
ANALYSIS AND DESIGN OF MULTIVARIABLE SYSTEMS VIA THE KRYLOV TRANSFORMATION. (PH.D. 1972 UNIVERSITY OF HOUSTON) 120p. 34/01-B, p. 228 BLE73-15723

YAW, EDWARD JAMES
THE DEVELOPMENT OF MATHEMATICAL MODELS FOR THE PREDICTION OF NUMBER OF UNDERGRADUATE APPLICATIONS AND NEW STUDENT ENROLLMENT FOR COLLEGES AND UNIVERSITIES–A SYSTEMS APPROACH USING MULTIPLE LINEAR REGRESSION ANALYSIS. (ED.D. 1973 COLUMBIA UNIVERSITY) 172p. 34/08-A, p. 4809 BLE74-02137

YAYATHI, SWARNAPURI PANDADU
A SYSTEM FOR STORAGE, RETRIEVAL, AND ANALYSIS OF DATA ON PHYSICAL PROPERTIES OF AGRICULTURAL PRODUCTS. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 144p. 35/01-A, p. 389 BLE74-16101

YE, JOSEPH WEI FONG
MATHEMATICAL ANALYSIS OF A PULSE SYNCHRONIZED AUTOMATIC FREQUENCY CONTROL SYSTEM. (PH.D. 1962 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 88p. 23/02, p. 582 BLE62-02998

YEH, CHAN-HUE
A STUDY OF CONTROL SYSTEMS WITH RETARDED ACTIONS. (PH.D. 1966 CORNELL UNIVERSITY) 108p. 27/06-B, p. 1937 BLE66-11060

YEH, HSIANG-YUEH
RANDOM VIBRATION OF PIECEWISE LINEAR SYSTEMS EXCITED BY NONSTATIONARY SHOT NOISE. (PH.D. 1970 THE UNIVERSITY OF NEW MEXICO) 74p. 30/12-B, p. 5490 BLE70-10139

YEH, JAMES JUEI-CHIN
NONLINEAR VOLTERRA FUNCTIONAL EQUATIONS AND LINEAR PARABOLIC DIFFERENTIAL SYSTEMS. (PH.D. 1957 UNIVERSITY OF MINNESOTA) 115p. 18/04, p. 1452 BLE58-01149

YEH, JAMES YUNG-SHAO
AN INVESTIGATION OF A SEQUENTIAL MULTIPLE LOOK PATTERN RECOGNITION SYSTEM FOR AUTOMATIC AIRCRAFT IDENTIFICATION. (PH.D. 1976 THE OHIO STATE UNIVERSITY) 218p. 37/05-B, p. 2431 BLE76-24719

YEH, JEFFRY WEN-HU
MODELLING OF CONCURRENT CONTROL STRUCTURES AND PARALLEL PROCESSING. (PH.D. 1975 UNIVERSITY OF MARYLAND) 262p. 36/10-B, p. 5146 BLE76-08460

YEH, LUNG SHUEN
EXISTENCE THEOREMS AND SUFFICIENT CONDITIONS FOR OPTIMAL CONTROL PROBLEMS CHARACTERIZED BY VOLTERRA INTEGRAL EQUATIONS. (PH.D. 1971 UNIVERSITY OF SOUTHERN CALIFORNIA) 77p. 32/08-B, p. 4607 BLE72-06120

YEH, YERN
A STATE-SPACE APPROACH TO THE DESIGN OF PREFILTERS AND POSTFILTERS IN A SAMPLED-DATA COMMUNICATION SYSTEM. (PH.D. 1974 MONTANA STATE UNIVERSITY) 329p. 35/06-B, p. 2761 BLE74-23484

YELOWITZ, LAWRENCE
A SYMMETRIC, TOP-DOWN STRUCTURED APPROACH TO COMPUTER PROGRAM/PROOF DEVELOPMENT. (PH.D. 1972 THE JOHNS HOPKINS UNIVERSITY) 268p. 36/10-B, p. 5146 BLE76-08504

YEN, ANTHONY MING-HUNG
OPTIMAL CONTROL PROBLEMS WITH STATE VARIABLE CONSTRAINTS: A NEW DERIVATION OF THE NECESSARY CONDITIONS. (PH.D. 1969 THE JOHNS HOPKINS UNIVERSITY) 106p. 32/12-B, p. 7052 BLE72-16874

YENS, DAVID PETER
THE INTERACTION BETWEEN REWARD PREFERENCE AND TASK DIFFICULTY IN A COMPUTER ASSISTED INSTRUCTION SETTING. (PH.D. 1972 THE PENNSYLVANIA STATE UNIVERSITY) 251p. 33/12-A, p. 6742 BLE73-14071

YERKEY, AUBREY NEIL
THE RETRIEVAL OF RHETORICAL TOPOI: A COMPUTER-ASSISTED SYSTEM FOR THE INVENTION OF LINES OF ARGUMENT AND ASSOCIATED DATA. (PH.D. 1976 KENT STATE UNIVERSITY) 258p. 37/05-A, p. 2501 BLE76-25379

YERMISH, IRA
A CITATION BASED INTERACTIVE ASSOCIATIVE INFORMATION RETRIEVAL SYSTEM. (PH.D. 1975 UNIVERSITY OF PENNSYLVANIA) 311p. 36/12-A, p. 7705 BLE76-12369

YESILDORUK, SAKIR
TRANSIENT-STABILITY ANALYSIS OF POWER SYSTEMS. (PH.D. 1973 UNIVERSITY OF MISSOURI - COLUMBIA) 218p. 34/11-B, p. 5475 BLE74-10009

YII, ROLAND
THE VARIABLE RADIX COMPUTER. (PH.D. 1965 UNIVERSITY OF PENNSYLVANIA) 157p. 26/06, p. 3212 BLE65-13408

YIN, MIH
ON THE OPTIMUM RESPONSE OF THIRD ORDER CONTACTOR CONTROL SYSTEMS. (PH.D. 1960 STANFORD UNIVERSITY) 145p. 21/04, p. 833 BLE60-03846

YOCUM, JOHN FRANCIS, JR.
REDUCED-ORDER STOCHASTIC OBSERVER THEORY FOR LINEAR SYSTEMS. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 228p. 33/07-B, p. 3084 BLE72-34004

YODA, KOJI
AN APPLICATION OF COMPUTER-AIDED DELPHI AND COST/EFFECTIVENESS CONCEPTS TO UNIVERSITY PERSONNEL ADMINISTRATION. (ED.D. 1973 THE UNIVERSITY OF TENNESSEE) 221p. 34/08-A, p. 4809 BLE74-03883

YONAS, ALBERT
THE ACQUISITION OF INFORMATION-PROCESSING STRATEGIES IN A TIME-DEPENDENT TASK. (PH.D. 1969 CORNELL UNIVERSITY) 70p. 30/03-B, p. 1390 BLE69-10445

YONKE, MARTIN DAVID
A KNOWLEDGEABLE, LANGUAGE-INDEPENDENT SYSTEM FOR PROGRAM CONSTRUCTION AND MODIFICATION. (PH.D. 1975 UNIVERSITY OF UTAH) 121p. 36/11-B, p. 5689 BLE76-10349

YOO, BEYONG WOO
ON AGGREGATION OF LARGE-SCALE LINEAR DYNAMIC SYSTEMS. (PH.D. 1975 STATE UNIVERSITY OF NEW YORK AT BUFFALO) 206p. 36/11-B, p. 5746 BLE76-09137

YOO, JAE KOOK
LDPS– A LINE DRAWING PROCESSING SYSTEM FOR INTERACTIVE STORAGE, RETRIEVAL AND EDITING. (PH.D. 1975 THE UNIVERSITY OF FLORIDA) 175p. 36/12-B, p. 6275 BLE76-12152

YOO, KYUNG SIK
DEVELOPMENT OF A NUMERICAL ALGORITHM FOR UNCOUPLING CONSTANT COEFFICIENT STATE EQUATIONS OF CONTROL THEORY. (PH.D. 1974 UNIVERSITY OF HOUSTON) 94p. 35/04-B, p. 1676 BLE74-21410

YOON, YOUNG SUB
IDENTIFICATION OF AQUIFER PARAMETERS IN A LARGE UNCONFINED SYSTEM: WITH FINITE ELEMENTS AND CONSTRAINED NONLINEAR LEAST SQUARES OPTIMIZATION. (PH.D. 1976 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 79p. 37/01-B, p. 377 BLE76-15967

YORE, EUGENE ELLIOTT
IDENTIFICATION OF DYNAMIC SYSTEMS BY DIGITAL COMPUTER MODELING IN STATE SPACE AND COMPONENT PARAMETER IDENTIFICATION OF STATIC AND DYNAMIC SYSTEMS. (PH.D. 1966 UNIVERSITY OF CALIFORNIA, BERKELEY) 166p. 27/10-B, p. 3523 BLE66-15523

YORK, STEPHEN DERRYL
DYNAMIC SIMULATION OF NONLINEAR REACTOR SYSTEMS. (PH.D. 1970 UNIVERSITY OF MARYLAND) 188p. 31/11-B, p. 6595 BLE71-12180

YOUNG, CAROL ELIZABETH
DEVELOPMENT OF LANGUAGE ANALYSIS PROCEDURES WITH APPLICATION TO AUTOMATIC INDEXING. (PH.D. 1973 THE OHIO STATE UNIVERSITY) 289p. 34/02-B, p. 630 BLE73-18966

YOUNG, CHENG-I JAMES
ACOUSTIC ANALYSIS OF MUFFLERS FOR ENGINE EXHAUST SYSTEMS. (PH.D. 1973 PURDUE UNIVERSITY) 226p. 37/03-B, p. 1386 BLE76-20288

YOUNG, CHESTER EDWIN, JR.
ECONOMIC ANALYSIS OF MUNICIPAL WASTEWATER TREATMENT SYSTEMS. (PH.D. 1974 NORTH CAROLINA STATE UNIVERSITY AT RALEIGH) 185p. 36/05-A, p. 2990 BLE75-17094

YOUNG, CHING TSIUN
COMPUTER GENERATION OF KIKUCHI PROJECTIONS AND CHARACTERIZATION OF GENERAL BICRYSTALS. (PH.D. 1971 VIRGINIA POLYTECHNIC INSTITUTE AND STATE UNIVERSITY) 168p. 32/05-B, p. 2754 BLE71-28962

YOUNG, GEORGE NEIL
A STUDY OF THE UTILIZATION OF ELECTRONIC DATA PROCESSING IN SELECTED SCHOOL DISTRICTS OF KANSAS AND MISSOURI. (ED.D. 1971 UNIVERSITY OF MISSOURI - COLUMBIA) 126p. 32/03-A, p. 1251 BLE71-22898

YOUNG, HAROLD CHESTER
AN EXPLORATORY STUDY OF PLANNING, PROGRAMMING, BUDGETING SYSTEMS (PPBS) IN UNIVERSITY LIBRARIES HAVING MEMBERSHIP IN THE ASSOCIATION OF RESEARCH LIBRARIES. (PH.D. 1974 THE UNIVERSITY OF MICHIGAN) 303p. 36/12-A, p. 7710 BLE76-12370

YOUNG, HEWITT HARTLEY
DIGITAL COMPUTER CONTROL OF AN AUTOMATED,MULTI-PRODUCT PRODUCTION LINE. (PH.D. 1966 ARIZONA STATE UNIVERSITY) 341p. 27/05-B, p. 1453 BLE66-09826

YOUNG, JOHN PAUL
A QUEUING THEORY APPROACH TO THE CONTROL OF HOSPITAL INPATIENT CENSUS. (D.ENG. 1962 THE JOHNS HOPKINS UNIVERSITY) 211p. 23/08, p. 2823 BLE63-00991

YOUNG, KENNETH ROYCE
THE DESIGN OF AUTOMATIC CONTROL SYSTEMS USING INTERACTIVE COMPUTER GRAPHICS. (PH.D. 1974 THE UNIVERSITY OF TEXAS AT AUSTIN) 188p. 35/05-B, p. 2215 BLE74-24957

YOUNG, LOY WAYNE
AN ANALYSIS OF THE COMPARATIVE EFFECTIVENESS OF PROGRAMMED MULTI-MEDIA TEACHING AND TRADITIONAL TEACHING OF DRUG INFORMATION TO JUNIOR HIGH SCHOOL STUDENTS. (ED.D. 1973 OREGON STATE UNIVERSITY) 151p. 33/09-A, p. 4698 BLE73-07853

YOUNG, MARTIN LARRY
DESIGN AND IMPLEMENTATION OF A GENERALIZED USER-ORIENTED INPUT-DATA ERROR DETECTING LANGUAGE. (PH.D. 1972 TEXAS A&M UNIVERSITY) 246p. 33/08-B, p. 3599 BLE73-03664

YOUNG, MASEFIELD JINGSHING
OPTIMAL DESIGN OF FLOOR - CEILING SYSTEMS FOR COMFORT AND SAFETY. (PH.D. 1974 UNIVERSITY OF PITTSBURGH) 470p. 35/12-B, p. 5865 BLE75-13652

YOUNG, RALPH ROWLAND
AN ANALYSIS AND DEVELOPMENT OF A POLICYMAKING FRAMEWORK TO EVALUATE PROPOSALS FOR COMPUTER-BASED SYSTEMS IN LARGE LOCAL GOVERNMENTS. (D.B.A. 1975 THE GEORGE WASHINGTON UNIVERSITY) 237p.
36/08-A, p. 4821 BLE76-02566

YOUNG, RAYMOND HYKES
APPLICATION OF LINEAR NETWORK THEORY, DETERMINANT TRANSFORMATIONS, AND LOGIC TO THE INVESTIGATION OF TWO-TERMINAL SWITCHING NETWORKS. (PH.D. 1957 NORTHWESTERN UNIVERSITY) 144p. 17/12, p. 2959 BLE00-23560

YOUNG, RICHARD MILES
CHILDREN'S SERIATION BEHAVIOUR: A PRODUCTION-SYSTEM ANALYSIS. (PH.D. 1974 CARNEGIE-MELLON UNIVERSITY) 330p.
35/04-B, p. 1957 BLE74-23380

YOUNG, ROBERT LEE
INTERACTION IN MULTIVARIABLE SYSTEMS. (PH.D. 1966 TEXAS A&M UNIVERSITY) 114p.
27/09-B, p. 3111 BLE67-00266

YOUNG, ROBERT MANNING
PERCEPTIONS OF SELECTED GROUPS OF EDUCATORS WITH REGARD TO THE USEFULNESS OF A COMPUTER IN EDUCATION. (ED.D. 1972 WAYNE STATE UNIVERSITY) 184p.
33/05-A, p. 2059 BLE72-28508

YOUNGS, EDWARD ARTHUR
ERROR-PRONENESS IN PROGRAMMING. (PH.D. 1970 THE UNIVERSITY OF NORTH CAROLINA AT CHAPEL HILL) 151p. 31/05-B, p. 2624 BLE70-21239

YOUNIS, MOHAMED IBRAHIM
STABILIZATION OF NONLINEAR SAMPLED DATA SYSTEMS USING A LINEAR SAMPLED DATA ESTIMATOR. (PH.D. 1972 UNIVERSITY OF PITTSBURGH) 153p.
33/06-B, p. 2618 BLE72-30771

YOUSSEF, MARY NAGUIB
OPTIMIZATION TECHNIQUES FOR TIME-SHARED COMPUTER SYSTEMS. (PH.D. 1970 OREGON STATE UNIVERSITY) 103p. 31/05-B, p. 3065 BLE70-20891

YU, DAHSOONG
NONLINEAR SPATIAL STABILITY BY AN EXTENSION OF LIAPUNOV'S DIRECT METHOD WITH APPLICATION TO COUPLED FAST REACTOR SYSTEMS. (PH.D. 1968 CARNEGIE-MELLON UNIVERSITY) 259p.
29/12-B, p. 4686 BLE69-06590

YU, FRANK SHI-KONG
MODELING THE WRITE BEHAVIOR OF COMPUTER PROGRAMS. (PH.D. 1976 STANFORD UNIVERSITY) 185p. 37/05-B, p. 2382 BLE76-26096

YU, HWA-NIEN
THE BEHAVIOR OF THE JUNCTION TETRODE TRANSISTOR AND ITS APPLICATIONS TO DIRECT-COUPLED COMPUTER CIRCUITS. (PH.D. 1958 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 124p. 18/06, p. 2093 BLE58-01752

YUKSEL, YAHYA ONDER
CANONICAL ESTIMATORS FOR TIME-VARYING MULTIVARIABLE SYSTEMS. (PH.D. 1971 POLYTECHNIC INSTITUTE OF NEW YORK) 149p.
32/05-B, p. 2727 BLE71-29127

YUN, HYO JONG
MEASUREMENTS AND COMPUTER SIMULATION OF INSTANTANEOUS EXHAUST GAS VELOCITIES FROM A SINGLE CYLINDER SPARK-IGNITION ENGINE. (PH.D. 1973 THE UNIVERSITY OF MICHIGAN) 153p.
35/01-B, p. 201 BLE74-15899

YURTSEVEN, HAMIT ONER
ROBUST FILTERING FOR LINEAR-SYSTEMS. (PH.D. 1973 THE JOHNS HOPKINS UNIVERSITY) 155p.
35/05-B, p. 2203 BLE74-10464

Z

ZABLE, JACK L.
DESIGN OF A LINEAR VIBRATING SYSTEM TO MEASURE LOW-FREQUENCY RANDOM EXCITATION. (PH.D. 1969 PURDUE UNIVERSITY) 211p.
34/05-B, p. 2053 BLE73-28028

ZAGO, JOSE VITORIO
APPROXIMATE SOLUTION OF GENERALIZED HAMILTONIAN EQUATIONS WITH APPLICATIONS. (PH.D. 1976 THE UNIVERSITY OF WISCONSIN - MADISON) 118p. 37/02-B, p. 859 BLE76-16028

ZAHR, KHALIL MOHAMAD
THE DESIGN OF COMPUTER-CONTROLLED LINEAR MULTIVARIABLE SYSTEMS USING MODERN CONTROL THEORY. (PH.D. 1973 UNIVERSITY OF MISSOURI - COLUMBIA) 176p.
34/11-B, p. 5475 BLE74-10011

ZAIONTZ, CHARLES
AUTOMATA AND THE MONADIC THEORY OF ORDINALS < OMEGA(,2) OR = OMEGA(2). (PH.D. 1974 PURDUE UNIVERSITY) 124p.
35/11-B, p. 5541 BLE75-10968

ZAIS, HARRIET WILLIAMS
THE PRICING OF INFORMATION: A MODEL FOR SELECTIVE DISSEMINATION OF INFORMATION SERVICES. (PH.D. 1975 UNIVERSITY OF CALIFORNIA, BERKELEY) 264p. 37/01-A, p. 9 BLE76-15435

ZAKI, KAWTHAR ABD EL HAMID
NUMERICAL METHODS FOR THE ANALYSIS OF SCATTERING FROM NONPLANAR PERIODIC STRUCTURES. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 183p.
31/02-B, p. 696 BLE70-13199

ZALUTSKY, MICHAEL ROD
THE APPLICATION OF NUCLEAR SPECTROSCOPIC TECHNIQUES TO ATOMIC SYSTEMS. (PH.D. 1974 WASHINGTON UNIVERSITY) 181p.
36/01-B, p. 230 BLE75-14915

ZAMMIT, RONALD EDGAR
THE DESIGN AND OPERATION OF A HIGH-FREQUENCY BURST SIGNAL PROCESSOR FOR LASER DOPPLER VELOCIMETER APPLICATIONS. (PH.D. 1975 PURDUE UNIVERSITY) 120p.
36/07-B, p. 3554 BLE76-00606

ZANAKIS, STELIOS
EXPERIMENTAL COMPARISON OF NONLINEAR PROGRAMMING ALGORITHMS IN DERIVING MAXIMUM-LIKELIHOOD ESTIMATES FOR THE THREE-PARAMETER WEIBULL DISTRIBUTION. (PH.D. 1973 THE PENNSYLVANIA STATE UNIVERSITY) 156p.
34/08-B, p. 3750 BLE74-04307

ZANDLER, MELVIN EUGENE
A STUDY OF THE SIGNIFICANT STRUCTURES THEORY OF LIQUIDS AS APPLIED TO SIMPLER LIQUIDS VIA COMPUTER METHODS. (PH.D. 1966 ARIZONA STATE UNIVERSITY) 192p. 27/01-B, p. 138 BLE66-06906

ZAND-YAZDANI, SIAVOSH
THE IDENTIFICATION OF NONLINEAR HYDROLOGIC SYSTEMS. (PH.D. 1969 UNIVERSITY OF CALIFORNIA, BERKELEY) 89p. 30/10-B, p. 4628 BLE70-06264

ZANIOLO, CARLO ANTONIO
ANALYSIS AND DESIGN OF RELATIONAL SCHEMATA FOR DATABASE SYSTEMS. (PH.D. 1976 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 226p.
37/04-B, p. 1781 BLE76-22226

ZANT, ROBERT FRANKLIN
A COMPUTER-BASED CORPORATE MODELING SYSTEM. (PH.D. 1972 THE UNIVERSITY OF FLORIDA) 159p. 34/01-A, p. 22 BLE73-15557

ZAPACH, JOSEPH B.
ELECTRONIC DATA PROCESSING: IMPLICATIONS FOR THE SECONDARY SCHOOL. (ED.D. 1972 ARIZONA STATE UNIVERSITY) 277p.
33/03-B, p. 1178 BLE72-23394

ZAPPERT, FREDERICK GERALD
COMPUTER SIMULATION OF THE RELAXING AVALANCHE MODE, AND ITS RELATION TO TRAPATT, ARP (AVALANCHE RESONANCE PUMPED), AND IMPATT OSCILLATORS AND AMPLIFIERS. (PH.D. 1974 CORNELL UNIVERSITY) 159p.
35/08-B, p. 4118 BLE75-04274

ZAWACKI, ROBERT ARTHUR
THE PERFORMANCE APPRAISAL AND DEVELOPMENT SYSTEM: A BEHAVIORAL ANALYSIS. (PH.D. 1973 UNIVERSITY OF WASHINGTON) 183p.
34/08-B, p. 4111 BLE74-02285

ZEIGLER, DAVID G. V.
DEVELOPMENT OF AN OPERATIONS RESEARCH MODEL FOR FORECASTING SCHOOL EQUIPMENT REPLACEMENT COSTS. (ED.D. 1973 UNIVERSITY OF WASHINGTON) 80p.
34/07-A, p. 3808 BLE74-00850

ZEIGLER, JACK FRANKLYN
NODAL BLOCKING IN LARGE NETWORKS. (PH.D. 1971 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 163p.
32/07-B, p. 3892 BLE72-02942

ZEIN, DAUD A. R.
COMPUTER APPROACH TO THE ANALYSIS AND OPTIMIZATION OF ELECTRONIC NETWORKS. (PH.D. 1972 NORTHWESTERN UNIVERSITY) 158p.
33/06-B, p. 2618 BLE72-32616

ZENTNER, CHARLES R.
FREQUENCY DOMAIN ADAPTIVE DECOUPLING IN MULTIPLE OUTPUT ARRAY PROCESSORS. (PH.D. 1975 THE PENNSYLVANIA STATE UNIVERSITY) 156p.
37/02-B, p. 812 BLE76-17246

ZIEGLER, CAROL ALCORN
INDIVIDUALIZED, MONITORED, SYNTAX-DIRECTED COMPUTER-AIDED INSTRUCTION IN COLLEGE AND HIGH-SCHOOL ALGEBRA. (PH.D. 1972 UNIVERSITY OF CALIFORNIA, BERKELEY) 218p.
34/11-B, p. 5420 BLE74-11473

ZIEN, LINN
SENSITIVITY STUDY OF CONTROL SYSTEMS. (PH.D. 1970 UNIVERSITY OF CALIFORNIA, BERKELEY) 109p.
31/12-B, p. 7305 BLE71-13922

ZILM, FRANK SALLEE
THE EFFECTIVENESS OF COMPUTER MODELING IN PLANNING FOR MEDICAL CENTERS. (ARCH.D. 1975 THE UNIVERSITY OF MICHIGAN) 258p.
36/03-A, p. 1134 BLE75-20281

ZIMMERLI, DANA WAYNE
SYMBIOTIC COMPUTER SYSTEM MEASUREMENT AND EVALUATION. (PH.D. 1972 IOWA STATE UNIVERSITY) 181p. 33/01-B, p. 152 BLE72-20009

ZIMMERMAN, BARRY LEE
COMPUTER-GENERATED CHEMICAL STRUCTURAL FORMULAS WITH STANDARD RING ORIENTATIONS. (PH.D. 1971 UNIVERSITY OF PENNSYLVANIA) 162p.
32/08-B, p. 4539 BLE72-06253

ZIMMERMAN, CARL DUANE
EXTENDED FORTRAN ALGEBRAIC MANIPULATOR WITH APPLICATIONS TO LINEAR PROBLEMS OF PHYSICS. (PH.D. 1969 UNIVERSITY OF MINNESOTA) 97p. 30/10-B, p. 4592 BLE70-05622

ZIMMERS, EMORY WILMOT, JR.
A COMPUTER ASSISTED SYSTEM FOR THE GENERATION OF MACHINING PARAMETERS IN A JOB SHOP. (PH.D. 1973 LEHIGH UNIVERSITY) 186p.
34/04-B, p. 1537 BLE73-23823

ZINGG, JOHN ALLAN
VARIANCE REDUCTION IN STOCHASTIC NETWORK SIMULATION BY DIGITAL FILTERING WITH THE STANDARD MONTE CARLO EQUATION. (PH.D. 1974 UNIVERSITY OF CALIFORNIA, LOS ANGELES) 139p.
35/04-B, p. 1617 BLE74-22971

ZINGG, ROY JAMES
STRUCTURE AND ORGANIZATION OF A PATTERN PROCESSOR FOR HANDPRINTED CHARACTER RECOGNITION. (PH.D. 1968 IOWA STATE UNIVERSITY) 92p. 29/09-B, p. 3325 BLE69-04296

ZINN, JEFFREY ARTHUR
ANALYSIS OF RESIDENT PROPERTY OWNER PERCEPTION OF RESOURCES AND THE MANAGEMENT SYSTEM OF SILETZ BAY ESTUARY, OREGON. (PH.D. 1973 OREGON STATE UNIVERSITY) 242p. 33/09-B, p. 4336 BLE73-07684

ZINSER, OTTO
A COMPUTER MODEL OF THE INITIAL STAGES OF MAMMALIAN PATTERN PROCESSING. (PH.D. 1970 TEXAS CHRISTIAN UNIVERSITY) 279p.
31/06-B, p. 3743 BLE70-24868

ZIPPER, JOHN JOSEPH
APPLICATION OF COMPUTER CONTROLLED MONITORING AND DATA REDUCTION TO POTENTIOMETRY AND VOLTAMMETRY. (PH.D. 1974 PURDUE UNIVERSITY) 150p.
35/11-B, p. 5275 BLE75-10989

ZIRKLE, LARRY DON
APPROXIMATE PROPERTIES OF THE RESPONSE OF NONLINEAR DYNAMIC SYSTEMS TO STOCHASTIC INPUTS. (PH.D. 1969 THE UNIVERSITY OF TEXAS AT AUSTIN) 139p. 30/12-B, p. 5465 BLE70-10889

ZISLIS, PAUL MARTIN
SEMANTIC DECOMPOSITION OF COMPUTER PROGRAMS: A PROGRAM TEST AID. (PH.D. 1974 PURDUE UNIVERSITY) 188p.
35/11-B, p. 5384 BLE75-10990

ZLOBEC, SANJO
CONTRIBUTIONS TO MATHEMATICAL PROGRAMMING AND GENERALIZED INVERSES. (PH.D. 1970 NORTHWESTERN UNIVERSITY) 120p.
31/07-B, p. 4218 BLE71-02016

ZMOOD, RONALD BARRY
ON EUCLIDEAN SPACE AND FUNCTION SPACE CONTROLLABILITY OF CONTROL SYSTEMS WITH DELAY. (PH.D. 1971 THE UNIVERSITY OF MICHIGAN) 102p. 32/08-B, p. 4547 BLE72-06020

ZMUD, ROBERT WALTER
TOWARDS AN UNDERSTANDING OF THE COMPUTER CENTER/USER INTERFACE. (PH.D. 1974 THE UNIVERSITY OF ARIZONA) 191p.
35/03-A, p. 1323 BLE74-20254

ZOBRIST, ALBERT LINDSEY
FEATURE EXTRACTION AND REPRESENTATION FOR PATTERN RECOGNITION AND THE GAME OF GO. (PH.D. 1970 THE UNIVERSITY OF WISCONSIN - MADISON) 163p. 31/11-B, p. 6566 BLE71-03162

ZOLFAGHARI, ALI
COMPUTER SIMULATION FOR PARAMETER ESTIMATION AND TARGET IDENTIFICATION OF THREE DIMENSIONAL POISSON PROCESSES. (PH.D. 1975 THE CATHOLIC UNIVERSITY OF AMERICA) 338p. 36/04-B, p. 1864 BLE75-19640

ZOLLO, RONALD FRANCIS
INVESTIGATION OF VIABLE HYBRID COMPUTER TECHNIQUES FOR THE SOLUTION OF HYPERBOLIC PARTIAL DIFFERENTIAL EQUATIONS. (PH.D. 1971 CARNEGIE-MELLON UNIVERSITY) 178p.
31/11-B, p. 6663 BLE71-09685

ZOBEL, MARY ELIZABETH
A FORMAL GRAMMAR FOR THE REPRESENTATION OF MODES AND ITS APPLICATION TO ALGOL 68. (PH.D. 1971 UNIVERSITY OF WASHINGTON) 97p.
32/11-B, p. 6348 BLE72-15167

ZUBER, EDWARD FLOYD
SPERT: A COMPUTER MANAGEMENT INFORMATION SYSTEM FOR USE IN THE CONSTRUCTION OF EDUCATIONAL FACILITIES. (ED.D. 1975 THE UNIVERSITY OF MISSISSIPPI) 112p.
36/07-A, p. 4197 BLE76-00477

ZUMBRO, PAUL EDGERTON
THE ANALYSIS AND SYNTHESIS OF A COMPUTER SYSTEM ARCHITECTURE CAPABLE OF ON-DEMAND FAULT-TOLERANT COMPUTING. (PH.D. 1972 SOUTHERN METHODIST UNIVERSITY) 136p.
33/09-B, p. 4236 BLE73-05206

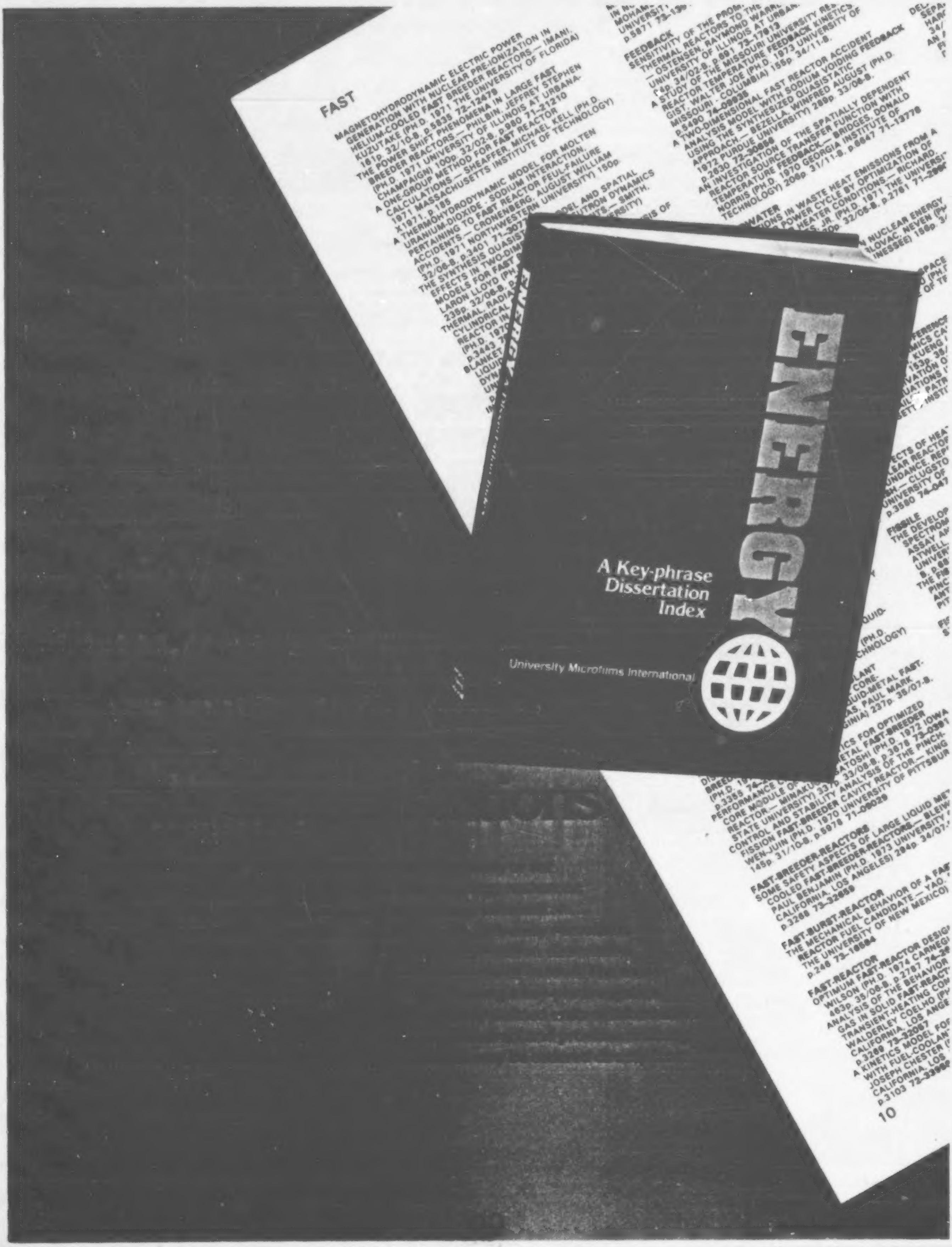
ZUNDE, PRANAS
CONTROLLABILITY, INVARIANCE AND INTERACTION IN LINEAR DYNAMICAL SYSTEMS. (PH.D. 1969 GEORGIA INSTITUTE OF TECHNOLOGY) 232p.
30/01-B, p. 217 BLE69-11969

ZUNGOLI, SERAFINO SALVATORE
A CRITICAL EVALUATION OF COMPUTER APPLICATIONS IN SUPPORT OF PERSONNEL MANAGEMENT. (PH.D. 1967 THE AMERICAN UNIVERSITY) 193p. 28/03-A, p. 837 BLE67-11467

ZUNGOLO, EILEEN ELIZABETH HENDRICK
A SYSTEMS ANALYSIS OF CLINICAL LABORATORY EXPERIENCES IN BACCALAUREATE NURSING EDUCATION. (ED.D. 1972 COLUMBIA UNIVERSITY) 288p. 32/12-A, p. 6697 BLE72-17230

ZWASS, VLADIMIR
ECONOMICALLY EFFECTIVE DEADLINE SCHEDULING IN MULTIPROGRAMMING SYSTEMS. (PH.D. 1975 COLUMBIA UNIVERSITY) 270p.
36/05-B, p. 2359 BLE75-25748

ZWITTER, THOMAS MATTHEW
A PROGRAMMABLE DATA SYSTEM FOR PATH CONTROL USING A SMALL DIGITAL COMPUTER. (PH.D. 1970 CASE WESTERN RESERVE UNIVERSITY) 175p. 31/07-B, p. 4064 BLE70-25932



FAST

MAGNETOHYDRODYNAMIC ELECTRIC POWER GENERATION WITH NUCLEAR PRE-IONIZATION IN HELIUM-COOLED FAST BREEDER REACTORS.— IMANI, KUZUTAKE (PH.D. 1971 THE UNIVERSITY OF FLORIDA) 181p. 32/10-B, p.5835 72-12479

THE POWER SHIFT PHENOMENA IN LARGE FAST BREEDER REACTORS.— PHILBIN, JEFFREY STEPHEN (PH.D. 1971 UNIVERSITY OF ILLINOIS AT URBANA-CHAMPAIGN) 100p. 32/02-B, p.980 71-21210

A ONE-GROUP METHOD FOR FAST REACTOR CALCULATIONS.— SHEAFFER, MICHAEL KELL (PH.D. 1971 MASSACHUSETTS INSTITUTE OF TECHNOLOGY) X1971, p.185

FEEDBACK

A STUDY OF THE MISSOURI UNIVERSITY RESEARCH REACTOR TEMPERATURE FEEDBACK KINETICS.— GIST, WALTER JOE (PH.D. 1973 UNIVERSITY OF MISSOURI - COLUMBIA) 155p. 34/11-B, p.5490 74-09935

A TWO-DIMENSIONAL FAST REACTOR ACCIDENT ANALYSIS MODEL WITH SODIUM VOIDING FEEDBACK USING THE SYNTHESIZED QUASISTATIC APPROACH.— BEZELLA, WINFRED AUGUST (PH.D. 1972 PURDUE UNIVERSITY) 289p. 33/06-B, p.2630 72-30856

AN INVESTIGATION OF THE SPATIALLY DEPENDENT REACTOR SOURCE TRANSFER FUNCTION WITH TEMPERATURE FEEDBACK.— BRIDGES, DONALD NORRIS (PH.D. 1970 GEORGIA INSTITUTE OF TECHNOLOGY) 206p. 31/11-B, p.6647 71-13778

FAST-BREEDER-REACTORS

FAST-BURST-REACTOR

FAST-REACTOR

10

ENERGY

A Key-phrase Dissertation Index

University Microfilms International

A Listing of Masters Theses

COMPUTER SCIENCE

Aboukheir, Fouad Ramez. An interactive maintenance system for MARC bibliographic files. M-6270 XII/4/364

Ahuja, Vijay. Signal sampling, approximation and display. M-3337 X/3/245

Anselmo, Dorothy Ann. An analysis of books about computers for young people. M-2996 X/1/27

Bardez, Joan Nancy. Linkage-loader design in computer operating systems. M-3228 X/2/171

Beaujon, Hendrik Johannes. An interactive, graphical display system for illustrating elementary properties of statistical distributions. M-3229 X/2/172

Beyer, III, William Fred. A graphics system for pole-zero map analysis. M-3313 X/2/172

Blair, Rodger Charles. A parser for a restricted arbitrary phrase structure grammar. M-3230 X/2/172

Blanco, Jr., Fernandez Jose A. An approach to computerized applications for hospitals. M-1901 VIII/2/59

Brown, Jr., Thomas Carl. An analysis of the recognizer-construction problem for two theories of transformational grammar. M-3231 X/2/173

Brownlee, Jr., Edward Hazelton. PAMELA: an interactive assembler system for the IBM system/360 computer. M-3232 X/2/173

Capowski, Joseph John. Remote manipulators as a computer input device. M-3233 X/2/173

Carter, Caroline Merriam Eastman. An elementary hypothetical computer. M-5844 XII/3/206

Cleveland, Jr., George Lindsay. PL/1—FORTRAN interface system. M-3234 X/3/245

Cleveland, Margaret Ruth. Hidden line elimination for three-dimensional graphical objects. M-5285 XII/1/19

Collison, William Fraser. Time-sharing and the mind of man: a management view. M-2899 IX/3/112

Coughlin, Donald Thomas. An input transformation generator (ITG). M-3338 X/3/245

Davis, Jr., Mitchell. A comparative survey of two fast FORTRAN compilers. M-3235 X/2/174

Dearborn, Ralph Omwake. A study of the value of hard copy output in computer-assisted instruction. M-3339 X/2/174

Dunigan, Jr., Thomas Heber. PLCD—PL/I for the DEC PDP-11/45. M-5287 XII/1/19

Dunnagan, Catherine Bradsher. MPS: an 1130 multi-programming system. M-5221 XII/1/19

Goller, Robert Thomas. A proposal to decrease the duplication of computer systems. M-2704 IX/4/198

Gullett, James Mayo. GRADS—the graphics associative display system. M-5619 XII/3/206

Hamlin, Jr., Griffith. A multicomponent exponential data interactive computer system. M-3236 X/2/174

Harris, Sharon Jamieson. A comparison of system commands and editing facilities in conversational time sharing systems. M-3340 X/2/175

Hayes, James Richard. A method for the assignment of classes to classrooms in a medium size university. M-2982 X/1/28

Hickok, William George. An application of the Magee-Boodman model for inventory and production control. M-5685 XII/3/206

Hobgood, Jr., William Sands Holloway. A three-dimensional computer graphics display using a varifocal mirror. M-3341 X/2/175

Imken, Gary Robert. Implementation of an APL subset compiler. M-5620 XII/3/207

Jackson, Jr., Willard Bernard. PLCI—a PL/I cross-compiler for the interdata model 3. M-5231 XII/1/20

Jacobs, John Julius. Programming language I for the varian—PLCV. M-3342 X/2/175

Jordan, Jr., William Jennings. ISIS: *I*nquiry *S*ervicing *I*nformation *S*ystem. M-3343 X/2/176

Kernodle, Jr., James Frank. A simulation model of a batch-processing job stream. M-5228 XII/1/20

Kleiman, Betty Gail Woodward. Algebraic simplification. M-3932 XI/3/220

Landis, Elizabeth Sheild. Computer graphics as an aid in solving a system of linear equations by relaxation methods. M-5283 XII/1/21

McCurry, Pamela Anne McKee. Analysis of job management functions in multiprogramming computer operating systems. M-3237 X/2/176

Mir, Carol Loeb. A comparison of string handling in four programming languages. M-5621 XII/3/207

Mir, Vernon Boyd. An improved PLCV—programming Language I for the varian. M-4427 XI/4/401

Morin, Lois Harvey. Estimation of resources for computer programming projects. M-5222 XII/1/21

Norris, Jr., Robert Thomas. Development and implementation of a new solution to the general problem of input data validation. M-5223 XII/1/21

Perez, Jose Aurelio. Simulation and automatic scaling of analog programs by digital computer. M-6101 XII/4/364

Poss, Sharon Sandomirsky. A program for cluster analysis of social science data. M-5293 XII/1/22

Rauscher, Tomlinson Gene. Dynamic environmental inquiry in computer programming systems. M-3346 X/2/176

Reese, John. Study of communication channel allocation techniques for a Point-of-Sale Electronic Funds Transfer System. M-6376 XII/4/364

Robb, III, James Lawrence. The IDIOM Monitor System. M-5229 XII/1/22

Saiyid, Omar Aziz. Multivariate third-order stochastic streamflow generator. M-5284 XII/1/22

Saville, Dale William. A graphic processing system for urban planning. M-5224 XII/1/22

Schultz, Gary Dennis. The CHAT system: an OS/360 MVT time-sharing subsystem for displays and teletype. M-5225 XII/1/23

Scott, David Steele. An applicant-student-alumnus information system. M-3933 XI/1/21

Scott, Jr., Robert James. An adaptation of A. L. Samuel's checkers-playing program to the game of generalized ticktacktoe. M-3344 X/2/177

Smith, David Thomas. The development of a technique for the collection and dissemination of batched data for a remote terminal user. M-2980 X/1/28

Soule, Katherine. The loop traffic simulator. M-3345 X/2/177

Speary, Jr., William. Feasibility studies in graphical display programming. M-5323 XII/2/97

Steelman, III, Herbert Stanley. The Grope-1 system. Analysis of friction and backlash problems. M-5622 XII/3/207

Tao, Michael Hung-ching. On a Chinese computer alphabet for automatic machine processing. M-3239 X/2/177

Vallarino, Oscar. Function specification, evaluation, and display for graphics systems. M-5226 XII/1/23

Wait, Tynan Arthur. Conversion of the hypertext editing system from the IBM 2250 graphics terminal to the CC-30 alphanumeric terminal. **M-5623 XII/3/208**

Whitlock, Jr., James Smith. Use of PL/1 for discrete simulation programming. **M-3240 X/2/178**

Woodward, William Stephen. The design and implementation of an on-line data acquisition and analysis system. **M-5845 XII/3/208**

ENGINEERING, Electrical

Abbott, Robert Kenneth. Two candidate systems for an improved method of grade crossing protection. **M-3996 XI/2/112**

Barbella, Jr., Peter Francis. Errors in analog to digital converters. **M-3274 X/2/187**

Benedetti, James C. SCR variable frequency speed control for shaded pole motor. **M-2254 VIII/4/169**

Berajawala, Ashok Keshavaji. Transistorized inverters for D.C. to A.C. conversion. **M-3300 X/2/187**

Bershader, Steven Michael. High speed asynchronous multiplication. **M-4524 XI/3/253**

Brey, Hans. Computation of zero-memory nonlinear distortion using the sum-of-sine-waves approximation. **M-3310 X/2/188**

Cheney, George Peter. A cassette based file system for the Hewlett Packard 2116B Computer. **M-5125 XI/4/439**

Churchman, Michael Bennie. Computer aided design of electron guns in traveling wave tubes. **M-2913 X/1/46**

Dengelegi, Richard Allen. Visual data display design techniques. **M-3265 X/2/188**

Dougherty, Richard M. X-band reactively terminated image balanced mixer. **M-3405 X/3/253**

Gulaya, Subhash Chandra. Absorption of microwave power in cholesteric liquid crystal detectors. **M-4517 XI/3/254**

Humphrey, John Richard. A 1400 megahertz radiometer system. **M-2922 X/1/46**

Kothari, Bharat Jayantilal. Synthesis of Boolean functions by Maitra cascade. **M-3289 X/2/188**

Laganas, Charles George. Evaluation of a computerized maintenance management program for complex electronic equipment in northerly and remote regions: a quantitative and qualitative management control study of selected radar, computer and visual display equipment of a standard ballistic missile early warning site in the subarctic. (Abstract Not Available.) **M-2694 IX/4/206**

Miller, Howard Ray. Sixty to four hundred Hertz synchro frequency conversion. **M-2605 IX/3/125**

Morrissette, Charles George. A four-phase auto alarm. **M-5774 XII/3/240**

Profeta, Jr., Joseph Andrew. A study of the electrical energization of electrostatic precipitators. **M-5163 XII/1/31**

Ramey, Delvan A. Proposed audio signal quadrature carrier communication system. **M-4393 XI/3/254**

Shah, Nareshkumar Varjavandas. Positive negative feedback as applied to improving response time of control systems. **M-3275 X/2/189**

Shah, Rajanikant Mohanlal. The design of recursive digital filters in the frequency domain. **M-3301 X/2/189**

Thamhain, Hans Jürgen. Optimal control of power systems. **M-1344 VI/3/75**

Vanzant, II, Leonard Hart. Development of DIP test for traveling wave tubes. **M-2432 IX/1/13**

Wilson, George William. Computer-controlled positioning system for a radio-telescope antenna. **M-5828 XII/3/240**

Wong, Jr., George W. Optimum controllers for a replenishment-at-sea cargo transfer system. **M-3335 X/2/190**

Yew, Iong Uen. Wavelength measurements of optically pumped far-infrared molecular lasers. **M-6104 XII/4/405**

Zarifopoulos, Panagiotis Takis G. An application of Kalman filtering to a fourth order stochastic system. **M-4020 XI/2/112**

INFORMATION SCIENCE

Glunt, John Denny. On the development of PERT/cost as a management information system and the specific application to a small government contract by a southern California aerospace firm. **M-6036 XII/4/425**

INFORMATION SERVICES, Data Processing

Bryan, Sam Dunn. Automatic pattern recognition: some general remarks and an implemented character recognizer. **M-5286 XII/1/40**

INFORMATION SERVICES, Information Storage and Retrieval Systems

Cagley, Edgar Max. A retrieval strategy for large, multi-key files requiring frequent updating. **M-5618 XII/3/264**

LIBRARY SCIENCE

Abate, Dorothy Louise. The treatment of prisoners of war in World War II as depicted in works of fiction. **M-2865 X/1/82**

Amat, Darinka M. History of early printing in Croatia. **M-3034 X/1/82**

Anderson, Dorrine Ann. A study of the effectiveness of mail order library service to rural communities in upper Michigan. **M-2575 IX/3/150**

Armitage, Catherine Smith. A report of a summer internship at Buckhorn Children's Center, Buckhorn, Kentucky. **M-2771 X/1/83**

Baechtold, Marguerite. A study of the feasibility of teaching selected library science courses by tape and two-way amplified telephone communication. **M-1441 VI/4/139**

Billings, Rolland Gerald. A study to evaluate the effect of the Minnesota plan, (ESEA, TITLE II), on the development of selected school libraries. **M-1755 VII/3/133**

Blander, Murray. History of the Bibliophile Society, Boston, Massachusetts, from 1901 to 1939. **M-3035 X/1/83**

Branyan, Brenda May. The junior high school librarian and requirements beyond the daily library schedule. **M-1163 VI/1/13**

Brenowitz, Ruth F. A study of the portrayal of Black Americans in the dramatic literature of the United States. **M-2868 X/1/84**

Cande, Lorraine, N. The Florence flood of November 4, 1966: a study of book damage and restoration in the libraries of Florence, Italy. **M-3103 X/1/84**

Challman, Jean Carson. Book reading of matched pairs of delinquent and non-delinquent girls. **M-445 I/3/15**

Cross, Mary Catherine. A bio-bibliography of George Fullmer Reynolds: 1877-1964; Elizabethan scholar. **M-3889 XI/1/53**

Friedman, Adele I. A survey of the reactions of Nassau County (N.Y.) librarians to the proposition made by the commissioner's committee on library development concerning children's library services. **M-3036 X/1/85**

Gavurin, Esther A. Guide to archival collections in the public libraries of Nassau County, New York. **M-3349 X/2/200**

Geoffroy, Melba J. The public library magazine collection and its patrons: a circulating periodical use study, Mishawaka (Indiana) Public Library. **M-5833 XII/3/274**

Gerard, Helene Louise. A history of the Westhampton Free Library in Westhampton Beach, N. Y. **M-3142 X/1/85**

Green, Charlotte. A survey of the status of the nonprofessional library technician in special science libraries of industrial firms in greater New York. **M-2869 X/1/86**

Hanna, Mary Ann. School library supervision in Michigan. **M-1819 VII/3/134**

Hirsch, Lillian L. The portrayal of drug use and abuse in selected contemporary novels for adults and young adults. **M-2870 X/1/86**

Hisz, Evelyn. History of the theatre collection, New York Public Library at Lincoln Center. **M-2871 X/1/87**

Hull, Barbara A. The school librarian in a leadership role as perceived by selected principals and librarians in Erie County, New York. **M-4857 XII/1/46**

Hull, Barbara Ann. An examination of selected editions of folklore for children. **M-1757 VII/3/134**

Hyman, Edith T. American reviews of Israeli fiction in translation. **M-2997 X/1/87**

Jacobson, Barbara. History of the New York public library for the blind and physically handicapped 1895-1969. **M-2998 X/1/88**

Jacobson, Gail Anne. A bibliographical essay of general surveys and exhibit catalogs on art deco. **M-4771 XI/3/284**

Jorrisch, Rita. Project LEER: a project to promote reading among Spanish-speaking residents of the United States. **M-2872 X/1/88**

Juster, Barbara Wallach. Napoleon Bonaparte—an analysis of adult novels useful to senior high school students. **M-2873 X/1/89**

Kohlmar, Carole H. A view of women's liberation with a bibliography for high school social studies. **M-2999 X/1/89**

Krieg, Cynthia Jane. Herbert Putnam's philosophy of librarianship. **M-2874 X/1/90**

Lagey, Nancy Lison. A description and analysis of the film series of the Rye (New York) free reading room: 1968-1970. **M-3040 X/1/90**

Lederkramer, Paula Rhoda. The Van Eyck brothers and their contributions to manuscript illumination and painting. **M-3425 X/3/265**

Leinoff, Thelma. A study of The Long Island Library Resources Council, Inc., 1963-1969. **M-2875 X/1/91**

Levy, Joanne J. Monaco. The bookworms. **M-3141 X/1/91**

Maclean, Peggy. A study of selected Michigan elementary schools to identify factors supporting the development of the media center. **M-4530 XI/3/285**

Mahoney, Margaret Mary. A content analysis of selected adult non-fiction books on recent developments in American unionism. **M-3037 X/1/91**

Malamud, Sylvia. Reviews of the Newbery award winners 1955-1965: a statistical analysis. **M-2876 X/1/92**

Marwick, Claire S. An historical study of paper document restoration methods. **M-670 II/3/14**

McKinney, Eleanor Ruth. A study of the effect of the National Science Foundation course content improvement materials on the school library. **M-1402 VI/3/86**

Miller, Margery Smith. A content analysis of a selected list of junior novels treating the social problems of pre-marital pregnancy and teen-age marriage. **M-2877 X/1/92**

Morey, George Edward. The identification of common library goals, objectives, and activities relative to a planning, programming, budgeting system. **M-2444 IX/1/29**

Morris, Ruth Poltor. Finkelstein Memorial Library, Spring Valley, New York: an oral history of the early years, 1917-1940. **M-3104 X/1/93**

Paulin, Mary Ann. A study of the materials used in the teaching of reading by teachers with and without a library-media center with a full-time media specialist. **M-3064 X/1/93**

Perry, Emma Bradford. A study to determine the effectiveness of a library instruction course in teaching the use of the library to upward bound students. **M-5616 XII/3/274**

Pierce, William Calvin. A study of audio-visual media services offered in learning resources centers at community colleges and two-year educational institutions in Alabama, Michigan, Mississippi, and Wisconsin. **M-3757 XI/1/54**

Rancans, Tereze. The history of early printing in the Latvian language (1585-1700). **M-3105 X/1/94**

Sax, Anita. Poverty in Appalachia as depicted in juvenile literature. **M-3195 X/2/201**

Schneider, Evelyn Ruth. A study of seven library technology programs to determine to what extent the programs parallel the American Library Association criteria for library technology programs. **M-6138 XII/4/434**

Shaw, Katherine Virginia Beckner. A survey of graduate students in two library schools to determine the factors considered of primary importance in the selection of a library school. **M-5252 XII/1/46**

Shedd, Jeanne Hoyt. Handbook of serials in selected European languages. **M-2878 X/1/94**

Shirley, Andrea G. Study of Episcopal church libraries in Nassau County, New York. **M-3144 X/1/95**

Simmons, Florence A. Content analysis of children's books on trees as they apply to the concept of the interrelationship of living things in the environment. **M-3038 X/1/95**

Sivak, Marie Rose. A study of student library assistant programs in selected class B secondary schools in the state of Michigan, 1970-71. **M-3694 X/4/339**

Skalka, Margery P. Hans Christian Andersen, his character as reflected in his stories. **M-3000 X/1/96**

Smith, Michele Claire Beraducci. A content analysis of the science fiction writing of Arthur C. Clarke, Lester Del Rey, and Isaac Asimov. **M-3241 X/2/201**

Smith, William Keith. A study of the development and value of an experimental management course for librarians. **M-2477 IX/2/78**

Stevens, Dorothy L. An analysis and annotated bibliography of selected books for children about Negro life. **M-3217 X/1/96**

Turetsky, Judith. The history and development of the D. Samuel Gottesman Library of the Albert Einstein College of Medicine. **M-1733 VIII/1/26**

Walker, Elaine Wooddy. The professional status of the school librarian. **M-2884 X/1/96**

Weintraub, Irwin. A bibliographic essay of reference books on general agriculture, animal husbandry and poultry husbandry. **M-2882 X/1/97**

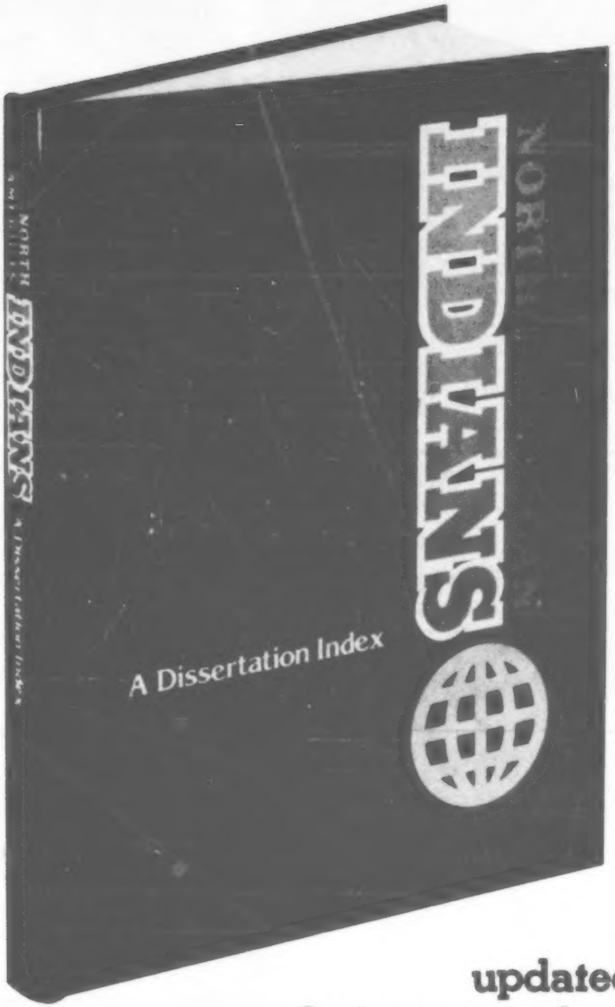
West, Emilie K. A history of the bibliographical center for research; Rocky Mountain Region, 1942-1966. **M-2881 X/1/97**

Williams, Dianne T. McAfee. A study to determine the effectiveness of an interest grouping classification for primary grade children. **M-4495 XI/3/285**

Wood, Rulon Kent. A study of change in secondary teachers' attitudes towards school library concepts after instruction in librarianship. **M-2145 VIII/3/129**

Zaremba, Morris. An historical-descriptive study of the library-archives of the Leo Baeck Institute. **M-3384 X/3/265**

The only reference work of its kind....



A comprehensive index of doctoral dissertations on North American Indian life – past and present.

This essential reference and research work provides quick access to all of the doctoral dissertations written on North American Indians accepted by accredited degree-granting institutions in North America. Arranged in keyword sequence derived from significant terms used in each dissertation title, the 9,600 citations ensure comprehensive access to all relevant titles.

Supplements will keep North American Indians updated and usable by scholars and adminstrators for years to come.

- 1,730 dissertation titles
- Over 9,600 citations—each dissertation is indexed by keywords to provide quick user access to relevant titles.
- Abstract locations in Dissertation Abstracts International and full text copy ordering information provided in each citation. (Full text copies of most titles available from University Microfilms International)
- Author index supplements the keyword listing.

Price $28.00 per copy
includes shipping and handling
(Price outside U.S. is $31.00 plus shipping
and handling)

Send orders for North American Indians to:
University Microfilms International
300 N. Zeeb Road, Ann Arbor, MI 48106
18 Bedford Row, London WC1R 4EJ England

University Microfilms International

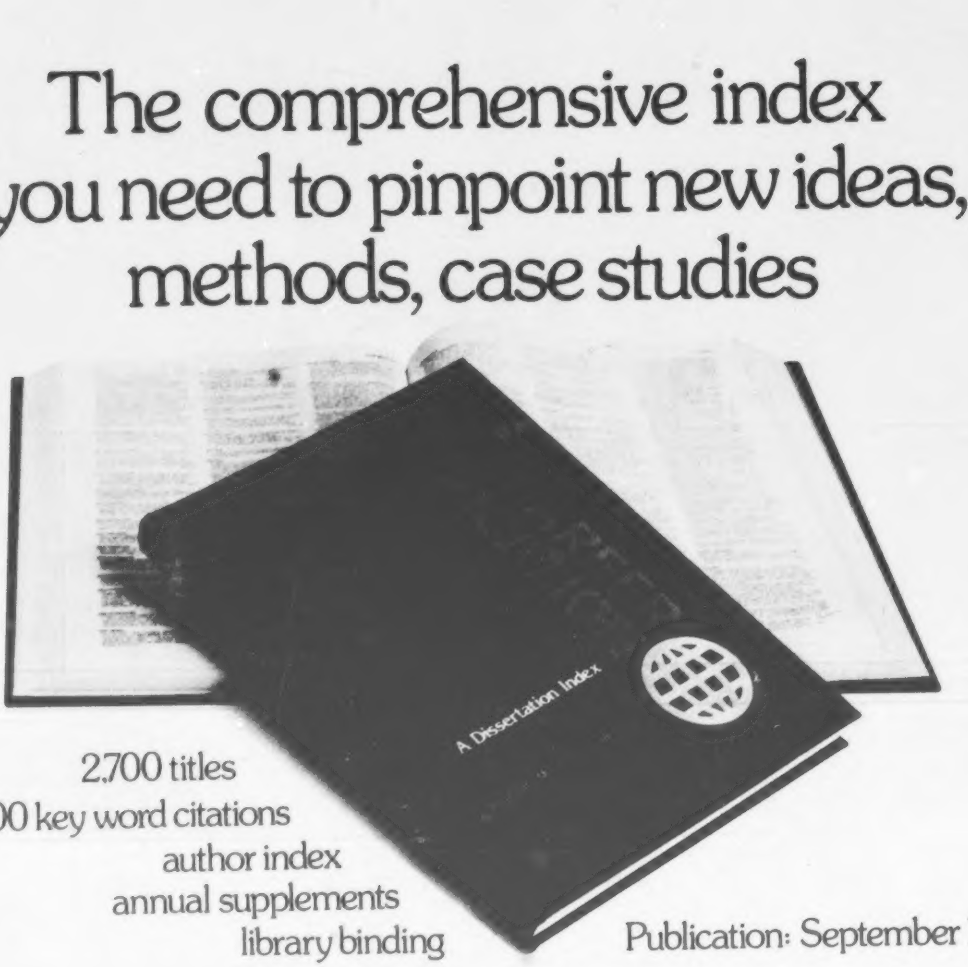
Free Bibliographies

Choose catalogs of dissertation titles from a list of varied topical subjects

United States Foreign Relations
The Colonial and Early National Periods in American History (1492-1789)
Doctoral Dissertations in L
LATIN AM
MASS COMMUNICATIONS
VO

☐ Africa ☐ American History (1492-1789) ☐ Relating to Community, Junior and Two-Year Colleges ☐ Crime and Law Enforcement ☐ Curriculum and Instruction ☐ Ecology and the Environment ☐ Modern French History ☐ Health and Behavioral Sciences ☐ Israel and Palestine ☐ Japan and Korea ☐ Latin America ☐ Relating to Law ☐ Library Science ☐ Mass Communications ☐ The Military ☐ Minorities: Racial, Religious and Ethnic ☐ The Negro ☐ Sex in Contemporary Society ☐ Spanish-Surnamed Populations of the United States ☐ United States Foreign Relations ☐ Urban Problems ☐ Urban Studies: The Historical Dimension

The comprehensive index you need to pinpoint new ideas, methods, case studies



2,700 titles
15,000 key word citations
author index
annual supplements
library binding

Publication: September 1976

Compiled by University Microfilms International from its data base of over one-half million doctoral dissertations, this comprehensive index puts you in touch with the latest developments in all areas of career education. The index is current and all-inclusive, yet efficiently organized by key words for easy use. Each entry identifies the location of an abstract in *Dissertation Abstracts International* and provides all information necessary for ordering full text copies from University Microfilms. This valuable new index will be used over and over again by career education faculty in high schools, junior colleges, universities and specialized institutions; as well as by administrators, government personnel and researchers.

***Career Education* price $31.00 per copy**
includes shipping and handling
(Price outside the U.S. is $30.00 plus shipping and handling.)

ISBN 0-8357-0125-5

Send orders for *Career Education* to:

University Microfilms International

300 North Zeeb Road
Ann Arbor, Michigan 48106 USA

18 Bedford Row
London WC1R 4EJ England

"END OF DOCUMENT"